f. 124

HOURLY READINGS

FROM THE

SELF RECORDING INSTRUMENTS,

AT THE

SEVEN OBSERVATORIES,

IN CONNECTION WITH THE

METEOROLOGICAL OFFICE,

Issued by Authority of the

METEOROLOGICAL COUNCIL.

JULY 1879.

DANCERFIELD, LITH. 22. BEDFORD ST. COVENT GARDEN.

OFFICE OF THE
Chief Signal Officer.
No.
Shelf
Case

VALENTIA OBSERVATORY LAT. 51° 55′ N LONG 10° 18′ W

BAROMETER.

DAY	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	29·116	29·162	29·197	29·224	29·233	29·248	29·259	29·273	29·287	29·303	29·326	29·347	29·35
2	·553	·561	·569	·580	·591	·597	·598	·613	·614	·622	·627	·623	·62
3	·468	·464	·465	·467	·473	·487	·496	·512	·518	·532	·536	·542	·55
4	29·714	29·731	29·737	29·756	29·771	29·800	29·817	29·843	29·856	29·879	29·888	29·912	29·92
5	30·011	30·013	30·012	30·003	30·003	30·011	30·004	30·005	30·016	30·011	30·013	30·021	30·02
6	29·978	29·982	29·962	29·942	29·929	29·922	29·912	29·916	29·907	29·896	29·894	29·886	29·86
7	·768	·765	·757	·748	·739	·734	·724	·720	·702	·685	·662	·646	·62
8	·372	·353	·346	·344	·339	·346	·346	·360	·366	·387	·399	·426	·44
9	·691	·712	·727	·735	29·744	29·766	29·786	29·806	29·811	29·827	29·831	29·857	29·86
10	29·952	29·966	29·973	·995	30·001	30·017	30·033	30·051	30·063	30·074	30·085	30·096	30·10
11	30·055	30·041	30·017	·997	29·982	29·957	29·945	29·939	29·919	29·933	29·936	29·945	29·93
12	29·780	29·765	29·737	·707	·687	·673	·656	·640	·628	·628	·628	·621	·61
13	·597	·596	·592	·587	·595	·597	·599	·611	·615	·631	·634	·643	·64
14	·769	·764	·764	·760	·761	·757	·769	·779	·784	·787	·798	·808	·81
15	·889	·890	·888	·891	·883	·892	·889	·890	·889	·887	·878	·869	·86
16	·701	·693	·666	·641	·630	·611	·592	·568	·542	·530	·587	·532	·54
17	29·723	29·741	29·753	29·771	29·792	29·812	29·838	29·864	29·871	29·880	29·884	29·907	29·92
18	30·025	30·022	30·020	30·017	30·016	30·027	30·027	30·028	30·025	30·015	30·017	30·017	30·01
19	29·865	29·853	29·836	29·830	29·834	29·841	29·843	29·848	29·843	29·845	29·850	29·846	29·83
20	·491	·471	·470	·491	·524	·554	·567	·589	·594	·629	·661	·695	·71
21	29·869	29·869	29·868	29·879	29·884	29·892	29·901	29·913	29·919	29·915	29·922	29·938	29·94
22	30·019	30·028	30·033	30·035	30·031	30·042	30·061	30·075	30·072	30·079	30·080	30·083	30·07
23	·114	·102	·093	·092	·091	·084	·077	·072	·072	·063	·053	·048	·04
24	·076	·076	·078	·076	·073	·079	·086	·102	·106	·112	·122	·125	·12
25	30·114	30·105	30·095	30·086	30·079	30·074	30·079	30·081	30·086	30·090	30·084	30·074	30·06
26	29·920	29·906	29·888	29·874	29·866	29·868	29·868	29·871	29·874	29·878	29·894	29·897	29·89
27	30·025	30·017	30·015	30·005	30·004	·989	·996	·994	·983	·976	·958	·939	·94
28	29·987	29·979	29·965	29·970	29·971	·963	·960	·971	·972	·976	·989	·990	·99
29	·932	·913	·893	·876	·863	·850	·847	·847	·832	·799	·796	·788	·77
30	·929	·921	·922	·923	·928	·929	·932	·942	·943	·950	·946	·946	·93
31	29·804	29·775	29·741	29·727	29·723	29·710	29·707	29·701	29·703	29·702	29·704	29·704	29·70

DRY BULB THERMOMETER ..... 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	MEAN
1	54.4	52.7	52.3	57.9	57.4	57.1	52.3	53.4	52.1	52.7	51.9	53.2	54.7	55.0	54.3	54.2	56.1	54.9	54.9	54.4	53.2	53.2	53.2	52.3	53.
2	52.8	52.5	52.9	52.9	52.6	53.7	52.6	54.6	55.1	56.0	55.6	57.1	57.9	57.3	56.3	53.0	54.7	53.9	53.3	57.9	50.6	50.1	50.2	49.9	53.
3	50.1	51.2	57.4	50.9	57.2	52.2	54.3	53.9	55.0	55.3	55.8	57.3	56.9	56.9	56.8	56.0	55.0	56.8	56.0	54.6	53.6	52.3	52.1	52.4	54.
4	53.7	53.7	53.6	53.0	52.7	52.3	51.7	53.9	54.6	54.3	55.3	54.4	56.6	57.9	57.6	57.3	55.9	54.8	55.7	53.7	57.0	52.7	52.0	52.2	54.
5	51.8	52.3	51.8	51.6	50.8	52.2	53.1	53.8	53.3	53.8	58.7	57.2	57.4	58.6	57.8	55.9	57.2	55.4	56.0	55.3	53.6	55.0	54.7	54.4	54.
6	54.1	54.2	54.6	54.7	54.8	54.9	55.0	55.3	55.8	56.2	56.9	57.2	57.3	57.5	57.5	57.0	57.3	56.9	57.2	56.7	55.9	56.4	55.4	54.6	56.
7	53.9	53.0	52.8	52.4	52.5	52.9	53.9	54.2	55.5	56.8	57.8	58.3	59.0	59.2	57.3	56.7	53.5	52.6	54.1	54.5	53.9	53.3	53.1	53.1	54.
8	53.6	53.7	52.6	52.7	52.8	53.2	53.9	54.1	55.6	55.0	55.7	56.6	57.8	54.1	57.2	55.1	54.1	55.7	54.3	54.1	53.5	52.4	53.7	53.7	54.
9	53.7	53.1	53.4	53.4	53.3	53.3	53.5	53.8	54.7	56.6	57.1	55.6	56.8	57.9	56.9	56.7	55.2	55.1	52.1	52.1	52.8	53.1	52.3	52.8	54.
10	53.1	53.1	52.8	53.1	53.2	53.3	52.9	54.3	54.9	55.2	55.5	56.3	55.5	56.7	57.9	55.9	56.8	55.6	54.9	53.9	53.4	52.2	49.1	48.5	54.
11	48.8	51.1	50.0	50.4	50.7	51.8	52.9	53.2	54.9	56.2	57.8	57.6	58.9	59.4	57.0	56.5	57.1	56.4	56.3	56.7	54.8	55.1	55.1	55.1	54.
12	54.8	54.3	54.1	54.0	53.9	53.7	54.2	54.4	54.8	53.6	54.1	54.4	54.9	56.5	55.5	54.9	56.3	57.6	56.8	54.9	54.1	53.7	53.5	53.1	54.
13	53.5	53.4	53.3	52.9	53.5	53.9	54.2	55.2	55.9	55.7	57.3	58.4	57.9	57.1	61.1	59.8	57.6	55.9	55.1	54.5	54.0	53.6	53.2	52.9	55.
14	52.9	52.5	51.1	51.6	52.6	52.7	51.6	53.7	54.8	54.9	56.2	57.4	57.3	56.7	57.4	56.9	57.4	57.0	56.3	54.3	54.4	53.9	53.9	52.8	54.
15	53.0	53.3	53.6	53.4	53.6	53.7	54.4	55.0	58.9	56.4	57.0	57.9	61.3	60.3	59.1	58.2	58.9	57.6	56.9	56.3	54.9	54.2	53.6	53.7	56.
16	54.1	54.1	53.8	53.4	53.2	53.6	53.8	54.1	55.1	56.7	57.9	59.8	59.6	59.9	60.9	62.9	63.0	61.3	60.6	59.7	57.4	56.8	55.3	54.9	57.
17	54.7	54.7	54.9	54.9	55.1	54.8	55.2	56.3	57.0	59.1	60.2	61.7	59.8	60.1	60.7	61.9	61.3	60.8	57.1	56.9	55.4	54.6	53.9	52.7	57.
18	53.3	52.9	52.4	53.3	52.1	53.3	54.3	56.2	57.1	60.3	59.1	60.3	61.2	59.4	58.3	58.3	58.0	58.6	57.3	56.5	55.9	54.8	54.2	53.9	56.
19	54.1	54.5	55.2	56.1	54.8	55.2	56.1	56.7	58.4	59.6	59.4	59.6	59.9	60.3	60.4	58.1	57.1	57.0	56.6	55.9	54.9	54.7	54.3	54.9	56.
20	56.8	55.5	55.4	54.6	53.8	53.7	54.1	54.9	55.1	55.4	57.4	57.9	57.8	57.3	56.3	56.9	57.8	56.9	55.7	53.4	53.8	53.4	53.3	53.7	55.
21	53.7	53.3	53.1	53.2	53.6	53.0	53.8	55.1	54.4	56.5	57.0	54.4	56.6	56.7	56.4	55.6	55.2	54.3	54.9	53.2	53.3	54.0	54.0	53.9	54.
22	53.9	53.8	53.5	52.8	53.3	53.7	53.8	54.1	55.2	55.1	56.9	56.8	59.6	58.9	56.5	56.0	56.2	53.9	55.9	55.5	54.2	53.8	53.4	53.6	55.
23	52.9	51.9	52.6	50.9	51.8	52.9	54.2	56.4	54.9	54.7	56.6	56.9	58.0	59.2	59.7	60.3	58.4	57.9	57.3	56.6	55.4	54.9	54.9	54.4	55.
24	52.8	52.8	52.5	54.0	54.0	54.7	55.5	56.7	67.4	58.6	59.3	60.0	60.0	60.0	61.0	59.6	58.2	57.7	57.6	55.3	55.1	54.3	53.3	53.6	56.
25	53.8	53.2	53.3	53.6	58.1	54.0	53.9	56.3	66.8	57.8	59.3	60.8	60.1	61.1	61.3	60.3	59.9	58.3	57.7	57.1	56.4	56.0	55.7	55.3	56.
26	54.9	54.2	54.3	54.6	54.0	54.1	54.1	55.2	58.2	59.6	57.9	59.2	60.1	59.3	60.3	60.1	60.3	58.6	67.7	56.9	55.8	56.3	55.9	54.0	56.
27	52.8	52.3	52.7	52.3	53.4	53.9	55.6	55.7	55.9	55.5	53.9	56.2	58.7	59.9	59.9	59.9	58.9	58.6	59.2	60.0	58.3	57.9	58.4	57.9	56.
28	57.9	56.9	56.6	56.5	56.8	57.0	57.3	57.8	58.3	58.5	59.3	59.9	59.9	60.4	69.6	69.8	59.0	58.9	59.1	59.2	59.3	58.8	58.8	58.1	58.
29	57.4	57.0	66.9	56.7	57.1	57.1	57.4	57.9	58.4	59.9	59.0	59.6	61.7	60.8	60.9	69.1	58.7	57.0	56.6	55.9	54.7	53.2	51.5	51.4	57.
30	57.6	53.3	57.9	57.4	48.7	60.9	53.7	54.8	55.9	58.5	59.7	61.2	58.5	59.0	57.6	58.2	58.7	64.2	63.1	61.2	54.6	53.4	53.6	57.7	56.
31	50.9	49.3	50.1	57.2	57.6	52.2	54.0	54.8	58.6	58.6	58.2	58.2	59.1	58.6	58.3	57.8	56.6	55.4	55.3	55.1	54.6	54.0	54.2	53.9	55.

* Record defective or Instrument out of action. † Reading of Standard ‡ Approximate.

HOURLY VALUES JULY 1878.

CISTERN 23 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
373	29.383	29.405	29.419	29.439	29.458	29.474	29.494	29.518	29.537	29.546	29.349	1
617	.605	.603	.575	.558	.541	.532	.521	.507	.491	.480	29.575	2
555	.562	.670	.562	.588	.604	.621	.632	29.661	29.683	29.700	29.552	3
932	29.939	29.951	29.958	29.974	29.975	29.983	29.995	30.001	30.003	30.006	29.889	4
019	30.017	30.019	30.010	30.018	30.009	30.010	30.002	30.006	29.994	29.987	30.010	5
846	29.883	29.819	29.781	29.760	29.745	29.746	29.746	29.749	.761	.771	29.856	6
605	.589	.566	.550	.521	.496	.469	.443	.433	.410	.392	29.614	7
477	.480	.493	.512	.537	.555	.586	.607	.644	.662	.682	29.461	8
874	29.881	29.894	29.897	29.911	29.919	29.927	29.933	29.944	29.945	29.949	29.843	9
107	30.109	30.111	30.112	30.115	30.115	30.102	30.102	30.097	30.085	30.074	30.064	10
936	29.927	29.924	29.909	29.898	29.888	29.882	29.869	29.856	29.833	29.809	29.981	11
594	.587	.580	.574	.575	.581	.586	.592	.601	.603	.599	29.635	12
668	.675	.688	.696	.711	.723	.747	.765	.770	.781	.777	29.664	13
835	.841	.844	.848	.857	.860	.868	.884	.895	.899	.894	29.818	14
861	.847	.835	.833	.817	.807	.805	.790	.788	.765	.738	29.849	15
548	.557	.551	.568	.586	.600	.628	.648	29.671	29.685	29.705	29.605	16
934	29.938	29.950	.957	.970	.984	.990	.999	30.012	30.011	30.027	29.897	17
013	30.004	30.003	.978	.971	.968	.956	.945	29.938	29.919	29.883	29.994	18
834	29.820	29.819	.792	.773	.748	.716	.673	.631	.584	.529	29.787	19
751	.771	.795	.802	.822	.833	.836	29.853	29.860	29.862	29.864	29.688	20
956	29.962	29.967	29.970	29.975	29.983	29.994	30.004	30.008	30.011	30.018	29.940	21
095	30.098	30.103	30.108	30.114	30.116	30.122	.124	.132	.132	.126	30.083	22
031	.028	.007	29.996	.003	.002	.020	.043	.062	.067	.068	30.055	23
128	.122	.121	30.121	30.122	30.125	30.124	30.123	30.128	30.121	30.121	30.108	24
059	30.044	30.024	30.013	29.995	29.979	29.970	29.967	29.953	29.943	29.933	30.041	25
911	29.918	29.933	29.938	.946	.958	.980	.995	30.006	30.019	30.019	29.922	26
946	.952	.956	.958	.966	.971	.982	.996	29.993	29.993	29.991	29.981	27
986	.984	.976	.976	.975	.972	.970	.967	.963	.962	.944	29.973	28
768	.755	.777	.808	.830	.858	.872	.890	.903	.908	.922	29.846	29
922	.913	.900	.894	.882	.864	.873	.869	.864	.845	.820	29.909	30
696	29.692	29.698	29.705	29.712	29.732	29.741	29.758	29.784	29.798	29.823	29.731	31

WET BULB THERMOMETER

12 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
57.7	57.2	56.7	56.0	56.0	56.4	57.6	56.1	57.0	49.9	49.7	56.0	56.4	56.3	56.2	57.1	56.4	56.6	56.1	56.0	56.7	56.7	56.3	56.6	1
49.9	50.7	56.6	56.0	56.0	56.2	57.4	57.7	52.1	52.6	53.1	53.6	53.2	52.2	50.4	57.8	56.6	56.8	56.4	48.6	48.9	49.1	48.7	50.9	2
49.3	48.9	48.6	48.5	49.2	57.0	56.8	57.3	57.7	57.2	53.1	57.9	53.7	52.9	52.2	52.1	53.6	62.6	57.7	56.1	49.4	49.9	56.1	51.0	3
56.5	56.6	56.0	56.5	49.5	56.1	56.8	56.9	56.2	57.2	56.3	52.9	53.3	52.3	52.8	57.8	49.6	57.2	49.8	48.1	49.9	49.4	48.4	56.6	4
49.2	48.9	48.1	48.1	49.6	56.1	57.2	56.7	57.6	52.8	54.2	54.2	55.1	54.6	54.3	53.2	54.8	54.5	54.9	55.2	54.9	54.3	54.0	52.4	5
53.6	54.4	54.6	54.6	57.9	55.0	55.2	56.8	56.2	56.6	56.8	56.9	57.0	57.1	56.6	56.7	56.6	56.7	56.3	55.9	56.1	54.6	52.4	55.6	6
57.0	49.8	49.2	49.2	50.0	49.7	56.7	52.3	57.9	52.6	53.8	54.2	54.6	53.0	52.6	52.4	57.4	57.8	57.8	52.2	52.0	52.1	52.2	57.7	7
57.9	57.0	56.6	56.6	56.9	57.7	57.7	52.8	52.2	53.1	53.6	54.3	51.6	53.6	52.7	57.6	52.6	57.5	56.9	56.7	56.3	50.4	50.4	57.8	8
50.5	50.0	49.9	50.3	50.4	50.4	56.9	57.4	52.6	53.4	52.5	53.4	54.1	53.3	52.9	52.2	57.9	56.9	56.7	56.6	56.6	56.8	56.9	57.5	9
50.8	56.6	56.5	56.5	56.6	56.7	57.4	57.6	52.8	51.9	52.3	52.4	52.8	53.0	57.2	57.5	56.9	56.3	49.9	49.7	48.8	46.6	46.9	56.8	10
49.3	49.0	49.6	49.4	50.8	57.9	52.5	56.0	55.2	53.9	55.2	56.1	55.9	55.4	55.6	55.8	55.1	54.9	54.4	53.6	54.1	54.1	54.0	58.3	11
53.1	53.3	53.7	53.6	52.9	53.7	53.8	53.7	52.9	53.2	53.5	53.1	54.4	54.1	53.6	53.8	54.6	53.7	57.1	56.4	56.7	57.3	56.9	53.1	12
57.9	57.6	57.1	57.5	52.0	52.9	53.5	53.4	53.9	55.1	55.8	55.0	54.5	54.9	55.6	54.6	53.2	52.9	51.9	57.4	56.9	56.6	56.2	52.9	13
50.0	49.6	50.0	56.4	49.9	56.6	57.3	52.2	52.4	53.1	54.6	53.8	53.6	53.7	53.4	53.7	53.3	52.7	57.6	57.9	57.4	57.6	56.9	57.9	14
57.3	57.6	57.3	57.3	57.2	57.7	52.3	52.7	53.1	53.4	53.9	56.5	54.7	54.5	53.9	54.4	54.4	54.2	53.2	52.9	57.7	57.7	57.3	52.8	15
50.8	51.1	51.6	57.5	57.4	57.6	57.9	52.8	53.9	54.9	56.3	56.4	56.8	57.6	58.9	59.3	58.3	58.1	57.9	56.1	55.4	54.1	53.8	54.6	16
53.5	53.6	53.6	53.7	53.7	53.9	54.5	54.9	55.5	56.2	57.3	56.9	56.7	57.4	57.8	57.9	56.9	55.1	54.8	53.9	53.3	52.9	51.6	55.0	17
52.1	51.7	52.4	57.3	52.5	52.9	54.7	55.0	57.4	56.1	56.9	56.4	55.4	54.7	54.2	55.2	56.8	54.4	53.9	53.7	53.6	53.5	53.5	54.2	18
54.0	54.8	53.9	54.6	54.9	55.8	56.3	57.9	57.9	57.6	57.6	57.2	57.7	58.1	57.2	56.6	56.3	55.6	53.9	53.9	54.0	54.0	54.6	55.8	19
55.5	55.3	53.8	52.9	52.1	52.4	52.4	52.9	53.3	54.7	54.6	54.3	54.4	53.3	53.9	54.1	53.4	52.4	51.4	50.6	50.7	50.6	50.7	53.2	20
50.7	51.2	51.2	57.1	57.3	57.9	52.3	57.9	52.9	53.4	52.6	53.6	53.3	53.1	52.3	52.1	57.8	57.7	57.9	51.4	50.9	50.8	51.1	51.9	21
51.0	51.6	52.0	52.4	52.8	52.9	52.9	53.6	53.4	54.6	53.9	55.8	55.2	53.8	53.7	53.8	53.7	53.3	53.1	52.3	52.2	57.9	57.9	53.0	22
50.3	51.5	49.9	50.8	51.8	52.7	54.0	53.8	54.2	55.9	56.3	57.6	58.4	58.9	59.5	57.9	57.4	57.1	56.0	54.2	53.5	52.9	52.8	54.5	23
57.8	57.6	53.1	53.2	53.9	54.7	56.9	55.7	56.2	56.3	66.8	56.5	56.6	56.9	56.9	55.0	54.3	53.8	53.1	52.8	52.3	57.4	51.1	54.2	24
51.4	52.3	52.9	57.6	53.0	53.3	54.9	54.2	56.1	56.8	67.7	56.6	67.0	57.4	56.9	56.7	55.8	55.1	54.9	54.2	54.2	53.9	53.7	54.6	25
53.4	53.4	53.6	53.4	53.6	53.8	54.8	56.4	57.7	55.9	56.0	56.4	56.1	57.7	57.9	57.1	55.9	55.4	55.2	53.7	54.9	54.4	52.9	55.1	26
57.5	57.8	57.6	52.8	52.6	53.3	53.5	53.9	54.2	55.1	55.3	58.0	59.2	59.6	59.5	58.7	58.3	58.5	59.4	57.7	57.6	57.9	57.7	55.8	27
56.9	56.3	56.2	56.3	56.6	56.9	66.8	67.2	57.5	58.3	58.7	58.8	59.2	58.6	58.5	58.3	58.3	58.6	58.6	58.6	68.0	58.1	57.3	57.8	28
56.6	56.6	56.4	56.4	56.1	56.3	57.1	57.4	58.2	67.7	58.4	59.7	59.1	59.7	58.3	56.4	54.7	54.1	53.9	52.9	51.6	50.2	50.3	56.0	29
52.7	50.6	49.8	47.6	50.3	52.6	53.5	53.9	53.9	55.9	56.5	56.5	55.6	54.6	54.9	54.9	58.6	57.3	56.7	57.9	57.6	57.6	50.3	53.4	30
48.2	48.2	49.2	49.8	50.8	51.6	57.8	54.3	54.1	54.1	54.2	55.2	54.8	54.8	54.1	53.1	53.9	53.6	58.3	52.9	52.1	52.4	57.6	52.4	31

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

VALENTIA OBSERVATORY LAT: 51° 55' N. LONG: 10° 18' W.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	24	19	26	24	26	23	27	23	27	19	26	19	25	19	26	21	27	20	26	21	26	27	26	29	27	2
2	25	21	25	22	26	21	25	21	25	24	25	20	24	26	25	24	24	27	24	26	24	27	23	28	24	2
3	24	4	25	10.5	27	12	28	14	28	13	28	13	26	14	26	20	27	18	26	16	24	24	24	23	25	2
4	26	27	26	27	26	24	26	26	26	23	26	22	26	21	26	25	26	25	26	24	26	25	26	25	26	2
5	28	17	26	11	26	15	26	13	26	8.5	26	14	26	14	25	12	27	11	28	9.5	26	8.5	25	12	25	1
6	23	19	23	12	22	15	22	17	22	18	22	23	22	22	22	24	22	24	22	21	21	23	21	28	19	2
7	28	12	26	9.5	25	12	24	12	24	9.5	23	14	23	17	22	22	22	23	21	26	21	34	20	37	20	4
8	22	35	22	34	23	30	23	26	23	31	23	23	24	30	24	27	24	30	24	27	25	27	25	27	25	2
9	26	31	27	28	27	30	27	33	27	28	27	31	27	26	28	26	27	28	27	23	27	32	27	26	27	2
10	28	17	29	20	30	16	29	15	29	13	29	15	29	14	28	13	29	14	28	12	29	14	29	14	29	1
11	27	4.5	15	11	14	13	14	6.5	14	6.5	13	18	13	23	13	23	13	26	13	20	15	17	24	13	24	1
12	20	10.5	13	4.5	18	8.5	16	6.5	16	4	16	4	16	3	16	4	7	9.5	13	4	13	2	13	1.5	13	
13	30	16	30	14	31	10.5	32	13	32	11	31	13	32	13	31	15	31	16	30	14	30	15	31	16	32	1
14	30	18	30	16	30	17	30	17	30	18	30	22	30	16	31	14	31	16	30	20	30	21	30	20	30	2
15	31	10.5	31	8.5	31	6.5	31	6.5	31	6.5	31	6.5	31	6.5	31	5.5	31	7.5	31	6.5	28	5.5	28	4.5	25	
16	10	11	10	15	10	12	10	17	9	14	8	20	7	23	6	24	7	30	9	30	8	32	9	32	9	3
17	1	17	2	11	3	10.5	2	12	2	12	2	8.5	2	11	2	10.5	2	9.5	1	14	1	14	1	11	31	1
18	31	4	28	2	28	5.5	29	7.5	30	4	30	4	29	8.5	30	6.5	31	4	24	4	27	9.5	23	9.5	22	1
19	14	30	14	26	14	19	17	9.5	23	8.5	23	5.5	23	7.5	23	8.5	21	11	21	11	22	12	22	11	22	1
20	23	21	23	20	25	24	27	21	27	21	27	25	26	24	26	24	26	27	27	31	27	28	27	24	27	2
21	28	24	28	23	28	26	28	23	28	22	28	25	28	23	28	22	29	26	29	23	28	26	28	25	28	2
22	29	17	29	17	28	19	29	17	29	18	29	16	30	12	30	10.5	29	14	29	15	30	15	30	14	31	1
23	29	7.5	29	3	29	3	29	2	29	2	8	8.5	11	12	14	15	14	15	13	15	14	20	14	19	18	1
24	27	4.5	27	4.5	27	7.5	24	8.5	24	8.5	23	12	22	12	22	16	22	19	22	17	21	21	21	25	21	2
25	23	10.5	23	10.5	22	8.5	22	9.5	23	7.5	23	10.5	23	10.5	23	10.5	23	14	22	16	22	15	22	19	22	1
26	15	17	15	17	15	16	14	17	14	16	14	12	13	11	13	13	14	13	14	9.5	23	12	24	12	25	1
27	26	5.5	26	2	26	2	26	2	26	2	20	14	17	15	17	18	15	21	14	20	16	28	14	27	17	2
28	20	28	19	30	19	31	20	33	20	30	20	34	19	34	19	36	19	30	19	33	19	37	19	34	19	3
29	15	27	15	28	14	30	15	31	15	29	14	30	15	26	16	34	15	36	15	34	15	36	15	34	17	4
30	28	4	28	2	28	4	28	4.5	28	2	28	1.5	28	1.5	28	5.5	28	5.5	18	4.5	15	5.5	15	6.5	21	6
31	4	2	4	4.5	4	6.5	4	7.5	4	7.5	4	13	4	13	5	18	4	14	3	18	2	22	2	14	2	1

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 11 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	005	002	002	002	006	002	006	005	024	019	038	.	.	.	.	.	.	.	.	.	.	.	.	020
2	045	.	.	.	.	.	009	003	.	.	.	.	.	.	.	018	.	.	002	008	022	020	010	023
3	018	001	001	002	.	.	.	.	.	.	.	.	035	013	.	.	.	004	.	.	.	.	.	010
4	.	.	.	.	010	.	026	.	003	.	.	.	.	.	.	.	.	.	.	.	010	.	025	.
5	001	001	001	001	001	.	.	.	.	.	.	001	001	002	002	002	002	070	025	002	023	008	036	015
6	005	.	030	007	063	008	052	082	006	.	.	002	002	.	.	002	074	152	218	018	005	001	001	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	080	070	002	.	.	005	023	003
8	002	005	050	.	.	016	.	.	.	.	.	005	.	.	.	018	002	001	002	.	.	003	002	.
9	002	002	004	.	010	.	.	004	.	.	.	.	.	.	.	.	.	.	010	002	.	005	001	002
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	058	006	.	.	.	.	003	002	.	.	.	.	003	004	.	.	.	.	.	.	.	008
12	027	040	021	027	015	008	022	022	038	080	040	062	020	003	050	070	002	001	002	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	005	013	.	.	008	017
14	003	002	002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	005	005
16	005	001	002	017	067	078	007	038	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	018	002	056	045	018
19	030	030	020	.	.	.	.	.	.	.	.	.	.	.	.	.	002	002	002	017	020	042	068	012
20	015	010	010	006	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21	.	.	.	020	002	003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	020	026	.	.	.	.	.	100	423	070	022	.	.	.	.
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	040	020	018	022	002	016	.	.	007	010	003	002	001	001	001	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	002	005	065	042	148	010	.	.	.	.	.	.	.	.	.	005	.
28	.	.	.	025	.	.	.	.	.	.	.	.	.	.	.	.	.	008	.	.	.	.	002	003
29	.	.	.	.	.	.	.	020	003	.	.	015	005	007	037	005	005	.	.	.	.	.	.	.
30	.	005	002	.	002	002	.	002	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	038	002	.	.	.	.	.

*Record defective or Instrument out of action. †Obtained from reading of Standard. * Approximate.

HOURLY VALUES JULY 1879.

AND VELOCITY IN MILES PER HOUR.

3		4		5		6		7		8		9		10		11		MIDT.		DAYS
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
33	26	26	26	28	26	26	26	26	26	26	26	25	27	21	25	20	25	20	26	25	1
29	24	27	25	20	24	21	24	17	23	20	23	20	24	12	24	8.5	24	4.5	24	4	2
24	24	26	24	22	24	23	25	23	26	17	25	24	25	27	27	28	27	24	25	26	3
26	26	23	25	22	26	23	27	23	27	19	27	20	28	24	27	14	27	18	27	21	4
10.5	26	10.5	27	6.5	27	7.5	24	6.5	24	4.5	24	4	23	13	24	13	24	12	23	14	5
32	21	34	21	27	20	35	20	34	21	35	22	29	22	24	23	22	24	14	26	11	6
36	21	39	21	36	22	34	22	30	21	37	21	43	21	36	22	36	22	34	22	36	7
28	25	27	25	29	26	26	26	28	26	26	27	28	27	31	27	30	27	29	26	30	8
27	27	26	27	22	27	22	29	20	29	20	28	17	28	19	28	21	28	21	28	20	9
16	28	15	29	15	29	13	27	13	27	10.5	27	6.5	27	6.5	27	4.5	27	4.5	27	1.5	10
15	22	15	22	17	22	18	22	15	23	15	23	11	23	8.5	23	12	22	10.5	20	12	11
5.5	2	7.5	2	8.5	2	11	3	14	2	16	1	16	1	14	1	14	32	14	31	16	12
12	2	17	32	19	31	21	32	22	32	21	32	19	32	14	29	19	30	18	30	18	13
14	30	16	30	19	29	21	30	16	32	14	32	10.5	31	9.5	31	9.5	31	6.5	31	5.5	14
14	21	12	18	12	16	17	15	16	14	15	15	16	14	12	12	14	12	16	12	14	15
20	8	16	7	14	3	6.5	30	8.5	32	10.5	3	8.5	4	11	3	13	3	13	2	14	16
14	30	17	31	15	31	15	32	15	31	13	30	12	32	11	1	10.5	1	5.5	1	3	17
17	22	12	22	14	19	14	16	12	18	15	15	17	15	16	16	16	15	24	14	30	18
10.5	20	13	20	16	22	16	21	18	20	11	19	15	14	11	14	19	14	20	14	20	19
28	28	26	28	26	28	24	28	22	28	23	27	23	28	24	27	24	28	24	28	23	20
24	29	21	28	25	28	24	28	26	28	21	29	21	28	19	28	20	28	21	28	18	21
19	29	15	30	12	30	12	30	11	30	8.5	30	6.5	30	6.5	29	6.5	29	5.5	29	6.5	22
13	19	12	20	5.5	20	13	21	14	23	12	26	15	28	14	28	9.5	28	11	27	5.5	23
24	22	20	22	22	22	20	22	17	23	15	23	11	23	11	24	11	24	8.5	24	12	24
18	21	24	20	22	19	27	19	24	19	23	19	20	18	23	17	20	17	17	16	20	25
14	26	13	26	13	26	16	27	10.5	27	8.5	27	6.5	29	6.5	29	4	29	4	26	4	26
23	22	20	22	18	21	17	21	19	21	18	19	18	19	24	19	26	19	26	19	28	27
35	18	34	18	35	18	37	18	29	17	27	16	25	16	24	15	22	16	28	15	30	28
34	18	36	22	24	27	14	28	9.5	28	11	28	10.5	28	8.5	28	7.5	28	4	28	4.5	29
5.5	16	1.5	16	1.5	16	6.5	14	6.5	13	5.5	13	1.5	4	6.5	4	2	4	1.5	4	3	30
16	2	10.5	2	12	2	10.5	32	15	32	12	31	19	31	16	31	14	30	10.5	30	10.5	31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
.370	.362	.354	.343	.347	.341	.358	.337	.357	.334	.313	.304	.311	.315	.313	.318	.312	.317	.309	.320	.337	.337	.339	1
.327	.341	.338	.327	.328	.332	.339	.341	.343	.359	.353	.358	.353	.341	.332	.347	.325	.338	.346	.317	.331	.335	.328	2
.328	.316	.314	.309	.313	.331	.330	.332	.339	.324	.357	.339	.370	.362	.345	.352	.370	.353	.346	.317	.316	.332	.333	3
.326	.329	.322	.339	.319	.342	.330	.327	.313	.328	.314	.355	.351	.329	.343	.336	.295	.324	.309	.301	.324	.320	.294	4
.312	.311	.294	.303	.323	.324	.342	.336	.353	.363	.381	.379	.388	.385	.400	.409	.421	.418	.426	.431	.430	.417	.412	5
.403	.421	.426	.424	.432	.433	.432	.446	.452	.455	.456	.458	.458	.461	.453	.452	.455	.453	.448	.447	.445	.416	.364	6
.347	.320	.311	.310	.323	.304	.325	.353	.340	.334	.358	.359	.368	.348	.345	.379	.364	.354	.350	.367	.370	.376	.379	7
.361	.353	.341	.340	.342	.353	.351	.364	.354	.371	.373	.377	.349	.365	.366	.349	.358	.344	.331	.334	.338	.324	.324	8
.334	.317	.315	.326	.328	.326	.335	.338	.347	.360	.357	.364	.371	.360	.353	.352	.346	.367	.352	.340	.336	.352	.348	9
.341	.340	.334	.332	.333	.341	.341	.340	.368	.343	.344	.353	.350	.343	.323	.319	.318	.310	.309	.310	.303	.288	.302	10
.330	.334	.345	.337	.359	.372	.386	.405	.422	.421	.404	.411	.399	.417	.430	.427	.416	.412	.406	.395	.405	.406	.402	11
.387	.396	.409	.408	.390	.406	.406	.398	.391	.393	.397	.379	.395	.400	.393	.382	.387	.372	.328	.319	.331	.349	.344	12
.366	.359	.351	.354	.361	.382	.387	.376	.392	.404	.410	.394	.390	.353	.387	.387	.371	.371	.352	.344	.387	.334	.328	13
.329	.337	.340	.337	.324	.356	.346	.356	.360	.365	.390	.369	.371	.365	.362	.365	.359	.354	.347	.353	.345	.351	.348	14
.351	.355	.350	.347	.343	.348	.357	.359	.362	.361	.366	.394	.359	.366	.362	.366	.381	.384	.366	.373	.350	.358	.346	15
.328	.340	.358	.358	.350	.353	.356	.369	.378	.391	.406	.411	.418	.428	.441	.452	.444	.448	.454	.432	.420	.402	.398	16
.393	.393	.393	.394	.398	.398	.401	.402	.393	.398	.411	.423	.414	.426	.422	.432	.410	.407	.400	.395	.389	.386	.367	17
.378	.374	.382	.368	.385	.381	.408	.404	.431	.409	.416	.392	.386	.381	.368	.399	.407	.385	.381	.384	.395	.400	.406	18
.411	.424	.445	.424	.427	.442	.448	.473	.456	.449	.447	.430	.440	.450	.456	.449	.443	.428	.389	.401	.408	.414	.420	19
.441	.436	.403	.385	.367	.370	.360	.371	.379	.392	.384	.377	.385	.369	.375	.372	.362	.353	.352	.327	.335	.333	.331	20
.336	.351	.349	.342	.355	.360	.356	.353	.356	.361	.372	.373	.363	.362	.352	.350	.352	.343	.368	.354	.332	.329	.338	21
.387	.357	.377	.382	.387	.388	.384	.390	.385	.395	.377	.395	.386	.379	.383	.383	.384	.374	.373	.366	.369	.365	.363	22
.344	.367	.347	.359	.370	.377	.385	.398	.414	.437	.445	.470	.477	.487	.498	.473	.464	.463	.440	.404	.390	.373	.377	23
.372	.370	.391	.394	.405	.418	.406	.420	.419	.412	.417	.409	.412	.407	.397	.390	.378	.366	.375	.369	.365	.354	.342	24
.355	.379	.391	.362	.388	.399	.412	.386	.398	.426	.433	.411	.409	.418	.416	.416	.411	.400	.401	.391	.397	.392	.391	25
.397	.396	.398	.400	.405	.411	.424	.430	.450	.419	.405	.405	.406	.440	.419	.422	.410	.408	.412	.385	.412	.403	.385	26
.371	.373	.373	.391	.378	.377	.381	.389	.403	.423	.425	.472	.494	.507	.504	.492	.483	.490	.498	.469	.471	.473	.474	27
.463	.449	.448	.456	.453	.458	.448	.453	.460	.473	.477	.480	.486	.478	.482	.477	.479	.486	.484	.483	.470	.473	.459	28
.453	.455	.451	.445	.436	.438	.455	.457	.461	.458	.472	.483	.476	.495	.476	.423	.397	.386	.389	.376	.360	.347	.351	29
.390	.352	.338	.316	.357	.381	.392	.389	.411	.396	.395	.374	.396	.387	.387	.381	.417	.394	.400	.351	.368	.355	.347	30
.323	.313	.325	.335	.353	.350	.346	.367	.362	.367	.369	.384	.380	.384	.372	.360	.396	.389	.382	.377	.363	.369	.357	31

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

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ARMAGH OBSERVATORY LAT. 54° 21′ N LONG 6° 39′ W

BAROMETER.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	29.289	29.199	29.094	29.017	28.942	28.891	28.860	28.825	28.806	28.781	28.767	28.749	28.733
2	28.951	28.974	28.989	.005	29.025	29.052	29.083	29.093	29.105	29.108	29.126	29.127	29.139
3	29.143	29.137	29.132	.127	.131	.131	.142	.142	.147	.149	.145	.149	.141
4	.225	.238	.241	.265	.277	.301	------	*	------	† .378	.405	.424	.449
5	.586	.586	.577	.580	.589	.597	------	*	------	† .631	.633	.650	.655
6	.726	.714	------	------	------	*	------	*	------	† .645	† .615	.622	*
7	29.396	29.406	29.415	29.412	29.415	29.412	29.412	29.398	29.385	29.365	29.332	29.326	† 29.288
8	28.973	28.946	28.928	28.901	28.886	28.869	28.852	28.841	28.844	28.837	28.848	28.849	28.862
9	29.123	29.147	29.166	29.184	29.209	29.233	29.254	29.270	29.287	29.306	29.320	29.342	29.361
10	.582	.594	.598	.614	.632	.650	.666	.692	.706	.710	.726	.735	.742
11	.790	.790	.778	.779	.778	.770	.778	.778	.772	.764	.749	.744	.731
12	.574	.560	.545	.533	.522	.515	.509	.502	.494	.479	.476	.462	.451
13	.384	.379	.373	.370	.375	.371	.380	.384	.396	.402	.414	.419	.427
14	.417	.410	.416	.416	.421	.430	.446	.464	.477	.483	.496	.510	.523
15	.626	.641	.645	.650	.658	.668	.671	.677	.686	.683	.690	.693	.686
16	.658	.644	.637	.615	.611	.607	.606	.608	.609	.612	.613	.612	.607
17	.614	.606	------	------	*	*	*	------	------	.705	.707	.716	.723
18	.806	.810	.816	.812	.815	.821	.816	.826	.826	.823	.813	.812	.803
19	.685	.668	.656	.653	.641	.636	.641	.637	.631	.622	.608	.603	.591
20	.372	.347	.298	.249	.220	.190	.172	.160	.145	.137	.139	.161	.186
21	.368	.378	.372	.381	.391	.397	.406	.426	.433	.441	.455	.466	.475
22	.610	.628	.650	.653	.667	.674	.690	.702	.710	.710	.722	.720	.741
23	.827	.834	.830	.825	.828	.839	.835	.841	.835	.834	.826	.819	.810
24	.723	.738	.744	.749	.761	.778	.786	.795	.800	.795	.797	.803	.808
25	.809	.796	.792	.783	.783	.779	.787	.791	.792	.787	.785	.785	.781
26	.722	.709	.700	.693	.681	.677	.675	.673	.669	.660	.660	.655	.658
27	.753	.767	.775	.770	.771	.777	.785	.789	.803	.799	.802	.803	.788
28	.677	.666	.672	.672	.666	.665	.670	.679	.698	.706	.717	.722	.733
29	.730	.723	.717	.699	.680	.674	.666	.665	.653	.651	.648	.638	.620
30	.646	.658	.671	.676	.683	.692	.711	.719	.719	.728	.736	.732	.728
31	29.692	29.676	29.659	29.638	29.626	29.613	29.598	29.598	29.590	29.578	29.558	29.535	29.521

DRY BULB THERMOMETER ..... 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	MEAN
1	49.9	49.7	49.0	49.3	50.4	52.4	53.9	55.0	54.8	57.7	56.4	56.2	57.0	54.9	54.4	54.1	54.0	53.4	53.0	51.1	50.6	50.6	50.8	50.7	52.
2	50.5	50.3	50.4	50.3	50.2	51.0	51.7	52.6	54.6	56.0	56.8	57.0	58.9	58.3	55.2	56.8	57.7	56.3	55.2	54.0	52.6	51.6	50.2	49.9	53.
3	49.0	48.8	48.1	48.2	48.6	49.8	51.2	52.0	52.9	52.2	55.0	54.0	54.9	55.1	56.3	56.1	56.0	56.7	54.6	53.4	52.2	51.1	51.0	50.3	52.
4	50.7	50.3	50.8	50.9	50.9	50.9	52.7	52.5	53.0	54.0	54.2	54.2	53.5	54.3	55.8	53.4	53.8	53.3	52.3	52.7	51.9	50.9	50.4	50.1	52.
5	50.0	50.1	49.0	49.3	49.2	50.0	51.0	51.9	51.0	53.4	56.0	54.6	55.2	57.0	56.2	56.9	55.1	55.0	53.8	52.6	51.6	51.2	51.0	50.9	52.
6	50.7	50.4	50.0	49.4	49.3	49.5	50.7	51.3	51.9	52.0	54.0	54.8	56.6	56.9	57.3	58.7	58.0	57.7	57.3	57.9	57.4	56.8	56.2	56.0	54.
7	53.1	51.0	50.9	50.6	50.7	50.5	50.9	52.4	54.0	54.9	58.0	57.9	59.0	59.9	58.0	56.9	54.3	53.5	53.0	52.2	52.1	51.9	51.9	51.7	53.
8	51.8	51.5	50.8	50.0	50.9	50.7	52.0	53.0	52.9	55.7	55.7	57.6	57.6	54.8	56.5	54.3	53.3	53.3	52.4	52.0	51.8	51.4	51.3	51.0	53.
9	50.9	50.4	50.7	50.3	50.0	50.1	51.0	51.8	53.8	53.9	54.9	54.3	54.4	54.8	54.0	54.7	53.8	53.2	53.4	53.0	52.9	52.9	52.5	52.1	52.
10	51.9	51.8	51.6	51.2	51.4	51.2	52.5	53.1	53.7	56.0	56.1	57.3	57.1	57.8	57.7	55.9	53.9	55.9	54.3	53.8	52.9	52.0	51.6	51.1	53.
11	51.1	50.8	50.1	50.2	50.8	50.9	52.3	54.0	55.5	57.9	58.2	60.1	59.2	63.1	61.9	62.1	61.6	58.1	56.7	56.0	54.9	54.5	54.8	54.6	55.
12	54.7	54.2	54.2	54.1	54.8	55.0	53.1	55.0	55.0	56.3	56.7	57.3	56.5	58.4	56.2	53.7	54.3	54.0	53.6	52.8	52.0	51.9	51.8	51.9	54.
13	50.9	50.0	49.3	49.1	49.6	50.0	50.9	51.2	51.0	50.5	50.3	51.6	52.0	53.9	53.9	53.1	53.0	51.1	50.3	50.7	50.2	50.1	51.
14	50.5	50.7	50.7	50.4	50.3	50.5	50.9	51.3	52.5	53.2	55.5	56.8	56.8	57.8	56.1	53.1	55.0	53.0	54.9	55.0	54.8	54.1	53.3	52.7	53.
15	51.9	51.1	50.8	50.7	50.9	51.7	52.6	54.4	56.0	57.2	58.0	59.6	60.0	60.2	60.3	60.3	58.6	57.9	57.1	56.3	55.2	54.3	53.8	52.8	55.
16	52.7	52.2	51.6	50.9	50.9	53.0	54.1	55.2	56.4	56.0	56.9	56.3	57.8	57.0	56.2	56.1	54.8	54.0	53.9	53.2	52.7	52.6	53.0	52.8	54.
17	53.0	53.1	53.8	53.9	53.7	53.4	53.4	53.0	53.2	53.8	54.8	55.3	56.1	56.7	56.8	57.5	59.8	60.0	58.2	57.2	56.3	55.4	56.6	53.0	55.
18	55.0	55.0	54.9	54.3	54.1	54.1	55.0	57.0	58.7	59.0	59.8	62.8	63.8	65.5	66.9	65.3	64.1	63.9	61.3	59.0	57.1	58.7	58.2	57.3	59.
19	57.0	57.9	57.6	57.9	56.4	53.8	55.1	54.9	55.2	56.0	57.3	58.9	59.0	59.8	59.5	60.4	60.8	60.1	60.2	59.3	58.0	57.0	55.0	55.2	57.
20	54.7	55.0	54.2	54.4	54.3	54.0	54.0	53.5	53.4	53.9	53.7	54.2	55.5	56.9	56.6	56.4	56.1	55.5	55.8	55.0	54.1	53.9	53.4	53.4	54.
21	53.1	53.2	53.7	52.5	53.6	53.9	54.0	54.2	55.0	53.8	56.5	58.0	57.7	58.3	58.9	55.9	55.8	56.1	55.6	55.8	55.0	53.8	53.7	53.9	55.
22	54.0	52.7	51.9	52.1	52.2	52.3	53.4	53.3	53.6	55.0	56.9	59.1	59.9	60.9	59.9	58.8	56.9	57.1	55.0	54.1	53.4	52.9	52.0	51.9	55.
23	51.2	50.0	50.6	50.8	50.0	50.9	51.1	51.7	53.3	55.0	57.0	59.0	60.0	60.2	60.7	60.0	60.2	59.3	59.9	59.1	59.0	59.0	59.1	58.0	56.
24	57.2	56.1	55.1	53.7	52.7	53.0	54.0	55.8	57.0	59.0	60.0	57.7	58.1	60.1	59.0	55.9	57.9	58.9	54.9	55.0	54.1	54.0	53.7	53.0	56.
25	52.6	52.2	52.6	52.0	53.7	53.0	53.9	55.0	57.0	57.9	60.0	57.7	58.9	62.6	59.0	59.0	56.4	57.3	57.0	57.0	54.0	54.0	54.7	54.0	55.
26	53.4	53.7	53.2	53.0	52.9	53.1	54.0	54.9	55.3	55.9	58.7	59.9	60.1	62.0	61.3	59.8	60.6	58.0	58.0	57.1	55.1	54.9	54.0	52.9	56.
27	51.0	50.1	49.5	48.0	48.3	50.0	52.1	53.8	54.2	55.0	54.1	54.7	56.7	57.9	57.5	57.9	56.9	56.0	55.8	55.9	56.4	57.6	58.7	58.8	54.
28	59.2	59.6	59.7	59.5	59.9	60.1	60.9	60.2	60.0	60.1	62.4	62.1	62.6	62.0	62.1	63.0	62.3	61.2	60.9	60.0	60.9	60.0	60.2	60.6	60.
29	60.9	60.0	58.1	57.9	57.1	57.0	57.9	60.3	61.9	63.0	66.9	66.5	66.8	65.9	66.7	65.9	65.5	65.0	64.2	63.1	62.3	57.2	56.8	55.1	61.
30	54.7	53.0	52.2	51.9	51.0	50.7	52.0	53.0	55.9	58.4	59.4	58.9	60.9	60.0	59.0	60.0	60.0	59.8	58.3	58.3	56.9	55.9	55.0	53.4	56.
31	53.0	51.7	52.0	51.9	52.3	52.8	53.5	54.1	54.0	55.2	55.0	55.0	53.0	55.0	55.2	53.0	53.3	55.2	55.1	54.8	54.2	54.0	53.9	52.8	54.

* Record defective or Instrument out of action. † Reading of Standard ‡ Approximate.

HOURLY VALUES JULY 1879.

CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAY
28·727	28·722	28·715	28·711	28·707	28·730	28·765	28·807	28·854	28·884	28·919	28·854	1
29·145	29·159	29·158	29·154	29·157	29·159	29·162	29·171	29·163	29·164	29·162	29·105	2
·148	·147	·145	·144	·139	·151	·165	·181	·194	·201	·216	29·152	3
·456	·459	·481	·491	·514	·536	·542	·538	·564	·576	·581	29·416	4
·664	·676	·678	·688	·691	·706	·713	·732	·742	·741	·736	29·654	5
---*---	---*---	----------	† ·475	† ·435	† ·408	·405	·391	·381	·389	‡29·571		6
29·278	29·254	29·226	29·210	29·186	29·149	·122	·097	·067	·034	·000	29·274	7
28·885	28·900	28·928	28·953	28·975	28·994	·016	·037	·071	·090	·109	28·933	8
29·370	29·392	29·406	29·424	29·440	29·460	·482	·506	·526	·552	·569	29·347	9
·746	·764	·766	·766	·772	·777	·782	·785	·790	·786	·789	29·715	10
·717	·705	·692	·674	·659	·650	·636	·639	·626	·606	·592	29·717	11
·448	·439	·423	·416	·410	·405	·404	·406	·401	·396	·384	29·465	12
·424	·425	·420	·418	·424	·428	·430	·434	·436	·432	·421	29·407	13
·535	·550	·561	·568	·573	·579	·592	·602	·613	·620	·618	29·573	14
·684	·685	·680	·679	·677	·679	·678	·684	·687	·684	·676	29·674	15
·601	·597	·593	·601	·591	·602	·606	·614	·614	·614	·614	29·612	16
·731	·744	·746	·752	·754	·769	·776	·788	·796	·803	·803	29·713	17
·787	·783	·772	·758	·755	·745	·749	----*----	·730	·713	·704	29·785	18
·583	·574	·557	·543	·527	·514	·498	·482	·456	·437	·402	29·577	19
·207	·238	·261	·284	·300	·322	·338	·359	·362	·360	·364	29·257	20
·494	·511	·520	·525	·524	·534	·550	·565	·577	·594	·602	29·474	21
·758	·772	·756	·789	·793	·806	·817	·836	·841	·841	·835	29·738	22
·800	·794	·782	·773	·767	·754	·748	·732	·722	·715	·713	29·795	23
·813	·797	·804	·807	·807	·808	·803	·815	·814	·813	·813	29·790	24
·762	·763	·757	·758	·756	·747	·754	·755	·749	·743	·729	29·772	25
·647	·638	·638	·640	·654	·671	·688	·717	·730	·748	·759	29·682	26
·767	·757	·743	·728	·719	·707	·704	·703	·693	·686	·679	29·753	27
·740	·747	·746	·742	·744	·746	·749	·757	·756	·752	·746	29·715	28
·610	·587	·577	·565	·563	·552	·560	·566	·604	·628	·637	29·634	29
·738	·727	·728	·722	·721	·721	·726	·727	·718	·700	·701	29·710	30
29·510	29·495	29·483	29·489	29·482	29·489	29·495	29·502	29·507	29·507	29·570	29·557	31

WET BULB THERMOMETER 4 FEET ABOVE GROUND

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	MEANS	DAYS
49·0	48·9	49·0	50·0	52·0	53·0	54·0	54·0	55·9	54·9	54·0	55·4	54·1	53·9	53·3	53·2	52·8	52·0	50·8	50·0	50·0	49·9	49·8	52·0	1
49·2	49·0	48·9	48·7	49·0	49·8	49·9	50·9	51·2	52·0	51·5	53·1	53·0	52·2	52·2	52·5	51·4	50·3	50·1	49·1	49·2	48·8	48·0	50·4	2
47·8	47·3	47·0	47·0	47·3	48·2	49·2	50·0	50·0	50·9	52·9	51·3	51·2	51·9	52·0	52·9	52·9	51·8	51·0	50·1	50·0	49·7	49·9	49·3	50·1	3
49·2	49·0	49·6	49·7	49·8	49·3	50·4	50·0	50·6	51·3	51·1	51·5	50·9	51·3	52·0	51·1	51·1	50·7	49·7	50·0	49·1	48·1	48·2	48·8	50·1	4
48·3	48·0	48·0	48·0	47·9	48·0	48·9	49·2	49·8	50·4	52·8	51·7	51·0	52·9	52·0	52·2	51·3	51·1	50·8	49·9	49·2	49·1	49·2	49·2	50·0	5
49·1	49·0	48·8	48·0	48·0	48·9	49·5	50·0	50·4	51·0	52·9	54·0	55·2	55·9	56·5	57·9	57·3	57·0	56·7	57·2	57·1	56·4	56·0	55·3	53·3	6
49·4	50·2	49·5	49·1	48·8	49·0	49·1	50·1	50·9	50·9	53·9	52·0	53·9	53·0	52·5	51·4	50·6	51·3	50·9	50·8	50·8	50·6	50·7	50·9	51·0	7
51·0	50·1	49·9	49·0	49·6	49·7	50·1	51·1	51·2	53·0	53·1	55·0	54·1	53·0	54·6	53·4	52·5	52·8	51·4	51·3	51·0	50·7	50·8	50·2	51·6	8
50·2	50·0	49·7	49·1	49·0	49·4	50·0	50·6	51·9	51·9	52·1	51·5	51·5	53·2	52·2	52·1	51·6	52·1	52·0	51·9	51·6	51·3	51·2	50·3	51·1	9
50·1	50·0	49·7	49·9	50·0	49·0	49·9	49·7	50·1	52·7	52·0	52·8	52·9	53·3	52·8	52·2	52·0	52·0	51·2	50·7	50·5	49·4	49·1	49·0	50·9	10
49·7	48·9	48·4	48·7	49·0	48·9	49·9	50·5	51·9	51·8	52·8	53·9	53·7	54·4	54·4	54·8	54·1	53·9	----*----	†53·2	53·2	53·0	52·0		11
53·0	53·0	53·0	53·0	53·5	53·4	53·9	54·0	54·3	55·1	55·2	55·8	56·0	55·1	55·1	54·9	53·2	53·0	52·9	52·1	51·6	51·4	51·5	51·7	53·5	12
50·7	49·4	48·9	48·5	49·2	49·7	49·7	50·7	50·0	50·2	50·0	49·7	49·7	50·3	50·1	50·9	50·9	50·1	50·0	49·7	49·4	49·6	49·5	49·5	49·8	13
50·0	50·1	50·1	50·0	49·9	49·9	50·1	50·4	51·7	53·0	54·5	54·8	54·5	54·4	54·0	53·2	52·9	52·6	53·0	52·9	52·0	52·0	52·0	51·7	52·1	14
50·9	50·4	49·9	49·9	50·3	50·9	51·2	52·0	52·9	53·8	54·0	55·3	55·2	56·1	56·3	56·0	54·7	54·3	53·9	53·0	52·2	51·9	51·9	51·1	52·8	15
51·0	50·4	50·0	50·0	50·0	52·2	53·0	54·0	53·9	53·9	54·5	54·3	54·8	54·1	54·0	54·1	53·9	53·0	53·0	52·7	52·0	51·9	52·4	52·3	52·8	16
53·0	53·4	53·3	53·1	53·0	53·0	52·9	53·0	53·2	53·9	54·8	55·2	55·5	55·7	56·3	57·3	57·0	56·5	55·9	55·3	55·1	55·0	54·8	54·5	54·5	17
54·4	54·2	54·0	53·8	53·5	54·0	55·7	56·8	57·0	58·0	59·2	60·0	60·9	60·9	60·2	59·8	59·4	56·4	56·9	56·8	57·5	56·8	56·9	57·0	56·8	18
57·3	57·1	56·2	55·8	55·0	53·9	53·3	53·9	54·4	55·8	56·1	56·9	57·9	57·7	58·4	58·7	58·5	58·8	57·1	56·0	55·1	53·9	53·5	56·2	56·2	19
54·0	53·9	54·0	53·9	53·8	53·9	53·0	53·0	53·6	53·1	54·0	55·0	56·1	55·9	56·4	55·2	54·8	54·2	53·1	52·5	52·6	51·9	51·9	53·9	53·9	20
52·2	52·0	52·0	52·1	52·8	53·2	53·3	53·9	54·2	55·1	55·9	55·7	54·5	55·0	54·5	54·5	54·9	54·3	54·4	53·5	51·9	51·6	52·1	53·6	53·6	21
51·3	50·8	50·7	50·9	50·1	51·0	51·1	51·7	52·6	53·8	55·9	55·9	56·8	56·0	55·8	53·8	54·0	52·2	52·0	51·4	50·5	50·0	49·9	52·5	52·5	22
49·1	49·0	49·0	48·9	49·3	49·6	49·9	50·8	51·6	53·0	54·6	55·2	55·3	56·8	56·6	57·4	57·2	57·8	58·0	58·0	58·1	58·8	57·3	53·8	53·8	23
55·7	54·1	52·5	51·9	52·0	52·7	53·7	54·0	55·0	55·3	55·3	55·0	54·9	55·7	53·9	55·4	54·0	52·0	52·6	52·3	52·0	51·9	51·0	53·7	53·7	24
50·9	51·2	51·2	51·2	51·9	52·1	52·1	53·3	53·0	55·3	54·2	55·4	57·9	56·0	56·8	55·2	55·9	56·1	55·3	53·0	52·3	53·0	52·2	53·6	53·6	25
52·0	52·0	52·0	52·0	52·1	52·6	53·0	53·6	54·0	54·8	56·5	56·8	57·0	57·9	58·0	57·0	57·3	56·1	57·0	56·0	54·8	54·1	63·1	62·2	54·7	26
49·4	48·8	47·7	48·0	49·4	51·1	52·1	52·3	52·9	52·0	53·2	53·9	54·0	54·0	54·8	54·6	54·9	55·0	55·0	56·0	57·0	58·0	58·2	53·0	53·0	27
59·1	59·2	59·2	59·8	60·0	60·0	59·9	59·7	61·0	61·3	61·3	60·9	61·3	61·2	60·8	60·2	60·0	59·3	59·2	59·1	59·6	59·9	59·9	60·0	60·0	28
58·7	57·0	56·5	56·0	55·4	56·1	58·0	59·0	60·0	62·3	62·0	61·8	61·4	62·0	61·8	61·0	61·0	60·3	59·5	59·2	55·4	55·0	54·2	58·9	58·9	29
52·0	51·8	51·0	50·0	49·8	50·9	51·9	53·9	54·5	54·9	54·7	54·7	54·1	53·9	54·9	54·2	55·0	54·8	53·6	53·6	52·4	51·9	51·3	53·0	53·0	30
50·6	51·0	50·9	51·8	52·0	52·6	52·9	53·0	52·9	53·6	53·8	54·6	54·4	54·7	54·5	54·3	54·7	54·4	53·9	53·7	53·1	53·0	51·7	53·1	53·1	31

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT: 54°21'N. LONG: 6°39'W.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V
1	11	11	10	14	8	20	9	22	10	16	12	18	12	11	14	12	15	10.5	14	10.5	16	12	15	11	19	10.5
2	24	10.5	25	12	24	13	24	14	24	12	23	12	22	14	23	14	23	16	23	15	24	15	24	14	24	14
3	21	12	20	11	20	10.5	19	9.5	19	9.5	20	9.5	20	11	21	13	26	7.5	25	8.5	24	9.5	22	9.5	24	8.5
4	23	8.5	22	7.5	24	7.5	25	6.5	24	7.5	24	7.5	24	8.5	24	9.5	25	9.5	23	9.5	26	9.5	26	8.5	26	8.5
5	22	9.5	22	6.5	23	7.5	24	7.5	23	6.5	23	8.5	24	8.5	24	7.5	25	7.5	26	8.5	25	9.5	27	8.5	27	8.5
6	22	3	23	3	23	3	21	1	21	3	21	4	17	4.5	16	5.5	17	5.5	15	4.5	16	8.5	15	7.5	16	5.5
7	25	7.5	22	5.5	24	7.5	22	6.5	21	8.5	20	7.5	19	8.5	20	11	20	13	14	12	20	18	20	18	20	16
8	18	17	20	15	19	16	18	18	19	18	19	18	19	20	20	19	20	18	21	16	21	17	21	15	23	16
9	26	8.5	27	10.5	27	9.5	28	11	27	9.5	26	7.5	26	8.5	27	8.5	28	13	28	12	29	12	28	11	28	12
10	26	7.5	28	8.5	27	8.5	27	6.5	28	6.5	29	6.5	28	7.5	29	7.5	29	10.5	28	8.5	29	10.5	29	7.5	28	7.5
11	23	5.5	24	4.5	25	5.5	23	5.5	22	4	25	5.5	25	4.5	24	4.5	23	5.5	24	4.5	22	4.5	20	4.5	20	4
12	17	6.5	18	5.5	17	4.5	17	4.5	17	4.5	17	4.5	17	5.5	16	5.5	16	4.5	16	4	16	5.5	12	5.5	10	6.5
13	4	11	4	9.5	4	10.5	4	8.5	3	6.5	3	9.5	3	9.5	3	9.5	2	10.5	2	7.5	2	9.5	32	6.5	1	6.5
14	29	5.5	31	7.5	32	7.5	32	6.5	32	6.5	32	7.5	32	6.5	32	5.5	1	7.5	3	10.5	2	11	2	11	2	11
15	1	3	1	2	1	2	1	2	1	2	1	2	1	3	3	4.5	5	4	5	4.5	4	4	4	4	6	4.5
16	13	3	13	2	13	3	8	4	6	4	9	7.5	9	8.5	10	8.5	12	11	10	6.5	10	8.5	10	9.5	13	8.5
17	6	3	6	3	6	5.5	6	5.5	6	6.5	6	5.5	6	5.5	5	6.5	5	5.5	6	5.5	5	5.5	5	4	5	3
18	3	2	3	2	3	1.5	3	3	3	2	3	2	3	3	3	3	3	2	3	2	4	1.5	4	2	18	3
19	14	2	18	4.5	17	4.5	20	3	20	4	18	6.5	17	7.5	18	8.5	18	8.5	18	6.5	18	8.5	17	8.5	17	6.5
20	19	2	19	2	19	2	12	2	12	2	6	3	32	6.5	31	6.5	31	4.5	29	6.5	28	9.5	29	7.5	29	8.5
21	27	7.5	26	8.5	27	11	27	9.5	27	10.5	28	9.5	28	10.5	28	10.5	27	9.5	28	8.5	29	9.5	29	8.5	29	9.5
22	29	8.5	29	7.5	29	6.5	30	5.5	30	6.5	29	5.5	28	7.5	29	7.5	29	7.5	29	7.5	29	10.5	29	9.5	28	11
23	27	6.5	28	7.5	27	4	28	4	26	4	25	3	25	4.5	26	5.5	25	4.5	27	4	22	4.5	22	4.5	21	8.5
24	24	6.5	24	6.5	25	4.5	23	5.5	23	5.5	21	4.5	20	6.5	20	7.5	21	9.5	22	8.5	21	9.5	26	8.5	23	7.5
25	19	10.5	20	11.	20	9.5	20	11	20	9.5	20	9.5	20	9.5	21	11	21	10.5	22	10.5	20	10.5	21	8.5	21	8.5
26	18	5.5	18	5.5	18	7.5	17	5.5	17	5.5	18	6.5	18	6.5	18	8.5	19	6.5	20	9.5	18	11	21	9.5	21	8.5
27	29	3	25	4	22	4	21	4	21	4.5	19	4	19	4	19	3	20	4.5	18	5.5	19	6.5	19	6.5	17	8.5
28	18	13	18	14	18	12	18	10.5	18	11	18	12	14	14	19	16	20	13	19	13	19	14	19	15	19	13
29	18	10.5	17	10.5	17	10.5	17	11	17	16	17	17	17	17	17	17	17	16	17	17	17	18	17	11	16	15
30	24	4.5	23	4	22	4	21	4.5	21	4	21	5	21	4	21	4.5	25	4	24	4.5	21	3	23	3	24	4
31	17	2	17	1.5	17	1.5	10	3	7	3	7	4	6	3	4	4	5	5.5	4	6.5	4	8.5	4	6.5	4	5

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	040	120	180	270	120	020	020	.	.	.	005	.	.	050	.	005	005	010	010	060	050	010	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	005	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	005	060	060	010	.	.	.	020	.	.	.	.	.	.	.	.
4	010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	010	.	.	.	.	.	.	.	.
5	.	.	010	.	.	.	.	.	020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	040	020	.	010	006	.	010	.	.	.	010	030	070	120	090	080	.	.	010
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	010	010	.	010	005	005	.
8	020	005	025	.	.	.	010	.	010	.	.	.	.	070	.	040	120	010	010	010	.	010	.	.
9	030	010	.	010	020	.	010	.	.	.	.	.	.	070	.	.	.	010	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	010	.	.	.	.	.	.	.	.	Clock stopped					
12	Total to 10am = 090												060	050	050	010	.	010	.	040	020	040	050	030
13	015	005	.	013	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	020	.	.	020	040
14	030	060	040	.	.	.	.	.	.	010	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	020	.	.	.	.	.	.	010
17	.	.	.	.	.	010	010	010	010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	080	010	.	.	030
19	010	060	030	160	040	.	.	.	.	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	100	260	190	200	280	200	185	170	060	040	010	.	.	.	.	.	.	.	.	.
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	010	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	020	005	015	.	010
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.	.	.	.	.	.	.	.	.	.	.	020	.	030	020	.	.	040	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	040	010	020	.	010	.	050	.	.	.
26	.	.	.	030	055	005	.	.	.	.	.	.	.	.	.	020	010	.	.	020	060	.	.	.
27	.	010	.	.	.	.	.	.	.	.	010	020	.	.	.	.	.	040	.	.	.	.	.	040
28	010	.	.	.	.	.	.	005	005	010	.	010	.	015	005	.	.	005	015	.	010	.	.	.
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	030	015	.
30	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.	.	.	.	.	005	005	005	030	010	.	.	.	.	.	010	.	.	.	.

*Record defective or Instrument out of action. †Obtained from reading of Standard. • Approximate

HOURLY VALUES JULY 1879.

AND VELOCITY IN MILES PER HOUR

3		4		5		6		7		8		9		10		11		MIDT.		DAYS
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
11	19	14	19	11	21	10.5	23	9.5	26	13	26	15	26	15	26	13	26	14	25	13	1
16	23	14	25	13	25	13	24	10.5	24	10.5	24	8.5	21	9.5	20	12	21	12	20	11	2
10.5	22	8.5	21	9.5	21	9.5	23	9.5	22	12	23	9.5	23	10.5	22	9.5	21	8.5	23	9.5	3
8.5	24	10.5	26	8.5	27	10.5	26	12	26	7.5	26	7.5	25	6.5	24	6.5	23	6.5	21	6.5	4
8.5	26	9.5	26	7.5	25	8.5	26	8.5	26	7.5	25	6.5	23	5.5	24	4.5	23	4.5	22	4.5	5
5.5	17	7.5	19	8.5	18	9.5	18	9.5	17	7.5	17	9.5	19	12	21	11	20	10.5	25	9.5	6
21	20	15	20	20	20	15	20	12	19	17	18	16	19	17	18	18	18	21	18	18	7
10.5	25	12	26	11	25	9.5	26	11	26	10.5	26	9.5	27	7.5	26	7.5	26	8.5	24	9.5	8
11	29	11	27	13	27	10.5	28	10.5	28	9.5	29	8.5	28	6.5	28	7.5	28	7.5	28	7.5	9
9.5	27	10.5	28	10.5	27	10.5	28	8.5	27	6.5	27	4.5	27	4.5	27	5.5	28	4	24	4.5	10
6.5	18	6.5	22	5.5	18	9.5	15	9.5	16	7.5	16	7.5	17	6.5	17	6.5	17	7.5	17	6.5	11
5.5	11	6.5	8	7.5	8	8.5	6	7.5	5	7.5	4	7.5	4	8.5	4	8.5	3	7.5	3	9.5	12
6.5	1	6.5	1	6.5	32	7.5	32	6.5	32	5.5	30	4.5	29	4	29	4.5	28	4.5	28	4.5	13
8.5	32	6.5	32	6.5	32	5.5	32	4.5	32	4.5	32	4	32	4.5	32	3	32	4	1	4	14
4	12	5.5	13	5.5	14	8.5	14	6.5	14	5.5	13	4.5	12	4.5	13	3	13	2	13	3	15
9.5	10	8.5	8	8.5	9	8.5	9	8.5	7	5.5	7	5.5	7	5.5	6	5.5	6	4.5	6	4	16
4	2	3	2	2	2	2	3	3	3	3	4	3	3	3	2	3	3	1.5	3	1.5	17
3	20	4	17	4.5	17	4.5	15	6.5	15	6.5	19	6.5	19	3	12	9.5	13	5.5	14	3	18
7.5	20	6.5	17	5.5	18	4.5	18	4.5	18	4	21	8.5	19	5.5	19	7.5	19	7.5	19	6.5	19
10.5	28	10.5	28	11	28	11	27	11	27	12	27	10.5	27	8.5	27	7.5	26	8.5	26	7.5	20
8.5	29	7.5	24	7.5	29	7.5	28	6.5	29	6.5	28	7.5	29	6.5	30	5.5	30	5.5	30	6.5	21
11	28	9.5	28	10.5	28	8.5	28	7.5	28	6.5	29	7.5	28	6.5	28	7.5	28	6.5	28	6.5	22
8.5	20	6.5	20	8.5	19	9.5	20	4	18	4.5	18	5.5	18	7.5	17	7.5	18	9.5	21	7.5	23
8.5	22	9.5	20	10.5	22	4.5	24	5.5	20	9.5	20	9.5	20	9.5	20	11	20	10.5	20	11	24
7.5	26	4	22	5.5	23	6.5	24	4	25	2	19	4.5	20	4.5	18	6.5	18	5.5	18	6.5	25
8.5	21	4.5	22	4.5	26	5.5	2	4.5	3	2	3	3	1	4	1	3	31	3	30	4	26
8.5	15	9.5	14	11	15	11	17	7.5	16	7.5	16	8.5	17	11	17	8.5	18	8.5	18	10.5	27
12	20	9.5	20	11	19	11	20	9.5	20	9.5	20	5.5	20	4	19	4.5	20	5.5	19	7.5	28
15	16	16	17	17	17	16	17	13	17	15	17	17	17	14	25	7.5	24	4	23	4.5	29
4.5	20	4	22	4	23	3	21	1.5	21	1.5	21	2	17	2	17	3	17	2	17	1.5	30
5.5	2	5.5	3	4.5	3	3	3	2	3	2	3	2	1	3	32	2	32	2	30	5.5	31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
338	345	344	356	362	384	403	406	422	410	388	417	408	409	396	394	391	374	368	353	353	348	347	1
381	330	329	325	323	334	325	327	322	330	316	333	338	352	335	333	322	308	312	306	320	327	310	2
307	308	307	310	317	326	335	323	358	372	342	331	346	336	362	363	326	329	317	332	340	340	339	3
331	340	342	344	332	336	329	337	312	335	345	339	339	342	345	340	336	324	324	314	302	310	328	4
308	322	318	317	309	321	316	343	327	360	346	323	349	337	333	331	327	352	325	320	323	328	329	5
330	329	317	318	339	340	344	346	361	385	406	418	433	446	469	460	455	452	455	461	449	446	428	6
353	337	330	321	329	327	333	332	324	366	319	352	322	330	314	322	349	345	353	353	352	354	362	7
345	348	334	339	345	338	300	363	368	371	398	375	378	401	396	385	393	366	340	364	361	365	353	8
349	345	334	334	344	345	354	360	358	353	344	343	384	366	356	353	374	368	371	364	326	339	342	9
338	333	343	343	320	327	314	316	358	339	343	348	352	340	346	341	341	336	330	336	320	318	322	10
323	318	325	325	322	323	322	343	315	385	336	345	322	384	341	329	364	---	*	---	386	384	384	11
385	385	387	392	386	399	403	412	418	415	424	412	423	419	420	390	388	391	380	377	373	378	381	12
345	341	334	345	353	353	366	349	350	348	347	349	348	338	333	333	324	322	340	341	340	346	347	13
363	353	366	354	354	362	354	373	400	412	402	394	379	390	380	372	365	376	372	351	354	370	370	14
357	348	350	357	362	358	356	363	370	367	381	374	346	399	391	377	376	373	361	352	354	360	353	15
358	350	349	349	380	387	401	382	388	392	395	390	380	388	393	403	388	390	391	378	377	386	384	16
402	403	399	394	397	397	400	400	397	403	423	424	424	428	437	435	423	433	428	424	423	425	427	17
418	411	414	411	402	403	425	435	426	456	452	464	468	462	449	454	444	391	433	458	457	442	458	18
461	460	442	437	422	399	384	398	402	424	411	433	453	451	460	464	468	476	435	421	408	400	387	19
403	412	412	411	412	416	396	397	408	396	415	426	439	437	425	424	416	399	378	373	378	365	365	20
377	364	367	369	384	394	394	400	399	415	418	417	401	406	406	408	415	404	405	389	360	354	364	21
359	357	352	355	334	342	346	358	365	373	396	393	406	396	405	373	376	354	359	352	336	335	334	22
326	327	325	332	332	337	333	338	339	357	366	374	375	409	417	432	438	448	466	467	470	492	460	23
439	405	379	375	374	380	385	377	380	377	405	392	366	399	359	405	392	350	362	367	360	361	347	24
350	358	358	356	371	360	352	359	343	377	375	392	416	407	430	412	427	437	414	388	365	379	366	25
364	371	374	378	390	388	393	399	414	426	418	422	421	435	426	432	424	451	433	426	408	391	381	26
344	336	327	331	345	363	366	366	372	359	385	378	368	372	389	395	416	422	420	443	457	472	477	27
494	497	495	494	510	505	515	515	507	514	530	522	517	530	513	509	507	505	495	494	488	502	506	28
476	450	437	439	417	425	449	457	474	494	490	480	478	487	491	471	478	467	458	438	414	422	408	29
374	366	362	348	347	358	371	389	376	373	373	352	347	352	367	341	371	384	353	365	357	347	350	30
346	361	359	379	377	384	384	380	370	392	397	421	415	425	418	408	421	414	408	401	391	390	369	31

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT. 55° 53′ N LONG 4° 18′ W

BAROMETER.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	29·452	29·422	29·372	29·306	29·247	29·188	29·135	29·076	29·026	28·979	28·943	28·906	28·86
2	28·783	28·753	28·759	28·762	28·771	28·778	28·795	28·825	28·845	28·862	28·877	28·891	28·90
3	28·987	28·987	28·987	28·987	28·991	28·997	29·001	28·997	29·009	29·009	29·020	29·027	29·02
4	29·072	29·079	29·083	29·089	29·105	29·131	·149	29·165	·187	·212	·228	·245	·26
5	·416	·414	·418	·416	·420	·426	·444	·462	·471	·484	·492	·498	·50
6	·628	·630	·632	·634	·636	·640	·644	·642	·644	·631	·640	·634	·62
7	29·302	29·288	29·281	29·290	29·306	29·314	29·316	29·306	29·304	29·290	29·280	29·275	29·26
8	28·981	28·947	28·916	28·895	28·875	28·865	28·860	28·851	28·847	28·838	28·818	28·808	28·79
9	28·946	28·957	28·976	28·988	29·014	29·032	29·064	29·096	29·122	29·142	29·160	29·174	29·19
10	29·445	29·451	29·459	29·483	·501	·527	·553	·561	·573	·575	·572	·582	·59
11	·686	·687	·688	·684	·690	·694	·700	·700	·698	·705	·704	·702	·69
12	·626	·604	·594	·574	·576	·572	·573	·566	·566	·546	·539	·535	·52
13	·469	·461	·457	·457	·461	·450	·448	·441	·447	·448	·449	·448	·43
14	·415	·407	·413	·429	·439	·454	·465	·471	·479	·485	·494	·504	·51
15	·632	·633	·635	·647	·657	·663	·675	·683	·689	·695	·685	·692	·69
16	·709	·702	·701	·697	·701	·704	·707	·700	·693	·697	·700	·700	·69
17	·684	·677	·681	·690	·692	·695	·700	·710	·716	·724	·724	·717	·71
18	·792	·792	·796	·800	·800	·806	·810	·818	·816	·808	·808	·796	·79
19	·728	·714	·696	·684	·676	·674	·676	·664	·648	·628	·624	·617	·61
20	·405	·375	·343	·311	·279	·261	·239	·211	·183	·165	·147	·136	·13
21	·229	·240	·249	·260	·277	·291	·319	·337	·363	·381	·385	·393	·39
22	·494	·500	·507	·512	·520	·526	·537	·554	·554	·560	·560	·573	·57
23	·716	·722	·728	·742	·746	·752	·766	·758	·762	·754	·752	·744	·74
24	·715	·698	·686	·674	·676	·676	·688	·706	·714	·720	·727	·727	·74
25	·749	·735	·725	·720	·718	·719	·721	·723	·727	·727	·732	·730	·72
26	·718	·702	·696	·688	·682	·674	·675	·676	·678	·664	·660	·653	·64
27	·693	·695	·715	·725	·725	·734	·743	·753	·767	·759	·759	·765	·77
28	·711	·699	·677	·671	·667	·659	·667	·655	·663	·659	·671	·679	·69
29	·747	·745	·731	·715	·709	·707	·713	·717	·706	·693	·694	·681	·67
30	·576	·588	·602	·608	·620	·634	·652	·666	·684	·686	·691	·693	·69
31	29·715	29·706	29·693	29·676	29·667	29·655	29·659	29·647	29·635	29·627	29·633	29·600	29·58

DRY BULB THERMOMETER ..... 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	MEAN
1	53.3	53.5	52.2	51.7	51.1	50.3	49.9	49.8	50.3	50.8	51.0	51.8	53.2	55.0	56.0	56.0	54.8	53.8	53.2	52.8	52.1	52.0	51.9	51.6	52.
2	50.0	49.7	49.3	48.9	49.1	49.1	50.6	50.8	50.9	50.8	50.7	50.4	51.0	50.5	50.8	51.0	49.8	48.0	50.5	50.5	50.5	50.0	50.1	50.0	50.
3	49.7	49.7	48.9	48.6	48.6	49.1	49.0	51.1	50.0	51.3	53.0	53.9	57.3	56.9	66.0	66.5	55.2	56.3	53.0	51.9	50.3	50.3	49.6	49.7	52.
4	50.0	50.3	50.3	50.2	50.1	51.2	52.2	51.1	51.3	52.9	54.3	53.1	54.2	55.0	54.7	53.8	53.9	51.4	52.0	51.1	51.0	50.7	50.1	49.6	51.
5	49.9	49.5	49.1	48.8	49.1	49.3	50.8	51.5	51.9	53.3	55.2	56.9	56.1	55.4	56.6	56.9	57.0	53.0	54.2	53.3	51.9	50.9	50.4	50.4	52.
6	50.5	49.7	49.9	49.3	49.0	50.8	55.8	56.3	56.3	60.0	57.1	57.5	61.7	61.8	61.1	58.5	56.1	56.3	53.8	52.3	52.9	52.3	52.5	53.2	54.
7	53.3	54.0	53.9	52.8	50.6	50.7	51.9	53.3	56.8	57.6	58.8	56.0	59.4	58.9	58.9	55.0	54.0	51.9	51.8	51.6	51.6	51.0	50.9	50.7	54
8	50.8	50.6	50.4	50.8	51.0	51.5	51.9	52.5	52.5	55.1	55.0	52.5	53.8	56.3	58.3	60.3	59.4	52.9	53.6	53.3	52.3	51.9	51.7	51.7	53.
9	51.4	51.4	50.9	51.3	51.5	52.5	52.3	54.4	56.8	56.3	56.7	56.9	60.0	59.1	61.5	61.0	58.4	59.0	55.4	56.1	55.7	53.7	54.8	53.4	53.
10	53.2	52.0	51.8	51.5	50.7	51.5	52.9	56.0	58.0	59.0	59.5	58.6	59.0	59.0	59.2	59.8	60.1	59.0	54.5	53.5	50.9	49.9	49.3	49.9	55.
11	49.2	48.1	48.0	48.0	47.5	48.5	50.4	50.9	51.8	52.9	53.3	54.2	55.3	54.8	55.7	56.0	56.1	55.5	55.0	52.7	50.3	50.2	48.4	48.0	51.
12	48.6	47.8	47.7	46.5	48.1	49.1	48.9	50.0	52.5	55.4	56.0	55.2	55.3	55.8	56.8	56.5	55.9	54.3	53.5	52.3	51.5	50.3	50.0	49.9	52.
13	49.9	49.2	48.5	48.3	48.4	48.6	49.6	50.7	52.9	54.0	54.6	54.4	55.9	57.5	59.3	58.8	55.4	53.2	51.8	51.5	50.9	51.1	50.8	50.8	52.
14	51.0	51.8	52.2	52.2	52.3	52.9	53.0	53.2	53.8	53.5	53.4	53.6	54.1	52.9	53.8	54.0	54.7	54.0	52.7	52.3	51.9	50.9	50.2	50.1	52.
15	49.9	49.9	50.0	50.0	50.1	50.0	50.7	51.5	52.6	52.9	53.9	54.9	55.4	55.4	56.8	56.9	56.9	55.9	54.7	53.2	52.3	51.3	50.7	50.3	52.
16	49.7	44.5	49.0	48.7	48.6	49.0	51.0	51.9	54.7	56.2	56.2	54.9	55.7	54.9	55.5	54.9	53.5	52.6	51.8	50.5	49.9	49.4	48.9	48.5	51.
17	48.8	48.8	48.7	48.6	48.8	49.5	50.3	51.5	53.3	53.8	55.0	57.5	59.1	60.0	60.9	61.9	61.9	60.6	60.0	58.3	58.3	57.1	55.9	55.1	55.
18	54.6	54.1	53.8	53.3	53.1	53.4	54.5	55.9	57.0	60.3	64.0	64.9	64.0	66.6	65.5	65.1	62.9	63.1	63.1	61.3	60.3	57.8	57.8	57.8	59
19	57.0	56.8	56.7	57.6	58.0	56.9	57.5	58.5	54.1	59.3	57.8	58.0	55.9	55.5	55.9	57.0	57.9	58.1	57.9	57.3	57.0	56.8	56.1	55.5	57.
20	55.1	54.7	54.8	55.0	54.7	54.9	56.7	57.8	59.2	59.5	61.4	62.8	61.9	60.0	60.3	59.3	58.6	57.8	58.0	58.3	57.3	57.0	57.1	56.3	57.
21	56.2	55.7	55.2	55.0	54.8	55.4	56.0	55.8	55.8	55.8	56.5	58.0	60.5	60.9	60.2	61.9	60.3	59.3	57.4	57.2	56.0	56.1	56.9	57.9	57.
22	55.5	55.8	55.2	58.0	54.3	54.2	57.2	58.7	59.6	62.5	67.3	69.1	70.0	70.0	70.9	70.3	69.3	68.4	65.3	61.6	57.4	55.7	55.0	53.4	61.
23	51.4	50.0	49.3	48.3	48.0	49.4	51.8	55.5	57.4	59.7	62.0	62.7	64.6	64.3	64.1	61.9	59.3	57.9	56.3	54.4	54.3	54.0	53.9	53.8	56
24	53.8	53.9	53.8	53.9	53.5	54.0	54.8	55.3	56.9	59.4	58.9	59.8	57.7	60.4	60.1	59.9	60.2	59.4	56.0	54.7	53.9	52.9	52.9	53.0	56
25	52.0	51.8	52.0	52.0	52.0	52.3	53.9	55.0	55.9	57.9	57.5	58.8	60.0	61.0	59.7	60.0	61.4	57.7	57.3	56.0	55.2	54.8	54.2	54.2	53
26	53.2	53.0	53.8	53.3	53.2	53.9	54.6	55.7	56.0	57.0	57.4	56.9	58.8	60.9	62.7	60.8	58.9	57.6	56.5	55.4	54.6	54.6	54.2	52.8	56.
27	51.3	50.2	49.2	48.8	50.1	51.2	53.9	55.0	56.8	59.0	59.9	58.7	57.2	58.0	57.6	57.7	57.0	57.4	56.3	56.0	56.0	55.1	54.9	63.0	53
28	55.3	54.7	54.9	54.8	54.7	54.9	56.4	57.9	59.8	60.9	61.2	61.8	62.3	62.9	59.7	59.3	59.7	60.0	60.0	59.5	59.2	58.8	58.0	57.3	58
29	57.7	57.3	57.3	56.8	53.6	58.3	59.8	61.0	61.9	65.2	64.6	65.0	65.2	65.3	65.9	63.7	63.5	63.0	62.9	61.9	61.0	60.0	59.2	60.2	61.
30	59.3	56.3	56.0	53.8	53.4	53.0	55.0	56.8	56.9	57.5	59.9	61.7	60.1	61.4	63.0	61.0	58.7	57.8	57.2	66.1	53.0	51.4	50.9	49.9	56
31	44.9	49.2	49.5	49.9	50.0	50.5	57.9	53.7	54.0	55.0	53.8	53.7	54.9	56.0	56.2	54.8	54.4	54.9	53.3	55.4	59.1	57.4	56.2	53.3	53.

* Record defective or Instrument out of action. † Reading of Standard. ‡ Approximate.

HOURLY VALUES JULY 1879.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
835	28.795	28.796	28.791	28.790	28.781	28.775	28.773	28.772	28.765	28.755	28.981	1
910	28.919	28.919	28.939	28.959	28.975	28.990	28.967	28.991	28.993	28.996	28.881	2
027	29.029	29.039	29.044	29.041	29.045	29.050	29.054	29.064	29.065	29.065	29.023	3
288	.302	.326	.342	.352	.364	.380	.388	.389	.403	.404	29.248	4
516	.520	.530	.540	.561	.577	.589	.603	.614	.620	.627	29.506	5
608	.595	.580	.556	.538	.516	.480	.446	.404	.370	.332	29.570	6
243	29.236	29.217	29.203	29.183	29.159	29.131	29.102	29.076	29.040	29.007	29.226	7
790	28.786	28.778	28.786	28.808	28.824	28.854	28.876	28.896	28.916	28.927	28.856	8
213	29.223	29.237	29.271	29.299	29.336	29.365	29.385	29.397	29.412	29.427	29.185	9
602	.604	.612	.622	.629	.638	.654	.660	.672	.681	.682	29.580	10
692	.684	.686	.674	.670	.664	.656	.652	.650	.648	.644	29.681	11
518	.505	.493	.488	.483	.475	.475	.481	.483	.486	.482	29.532	12
425	.421	.407	.414	.415	.410	.407	.401	.409	.406	.407	29.433	13
515	.523	.535	.546	.560	.577	.592	.609	.619	.623	.623	29.572	14
696	.695	.695	.690	.692	.697	.703	.713	.715	.715	.708	29.684	15
691	.678	.677	.674	.678	.682	.685	.679	.689	.680	.683	29.692	16
720	.722	.729	.736	.747	.748	.760	.766	.774	.778	.782	29.725	17
792	.782	.778	.776	.775	.772	.768	.762	.766	.756	.736	29.788	18
603	.595	.575	.567	.551	.530	.512	.503	.483	.463	.486	29.602	19
141	.148	.155	.165	.170	.181	.186	.197	.206	.211	.219	29.215	20
404	.415	.418	.422	.433	.442	.446	.468	.472	.458	.470	29.374	21
594	.598	.599	.606	.624	.642	.668	.690	.706	.708	.714	29.589	22
748	.748	.752	.748	.746	.744	.754	.754	.748	.738	.723	29.745	23
737	.741	.743	.741	.748	.745	.744	.749	.753	.745	.749	29.722	24
727	.728	.722	.722	.720	.721	.728	.732	.726	.729	.722	29.726	25
639	.634	.632	.637	.642	.643	.655	.669	.681	.687	.683	29.667	26
775	.782	.775	.767	.761	.759	.757	.752	.747	.737	.723	29.748	27
705	.715	.721	.717	.719	.718	.725	.739	.747	.749	.752	29.699	28
656	.645	.632	.614	.606	.607	.598	.590	.583	.580	.580	29.664	29
695	.704	.716	.725	.719	.725	.726	.739	.737	.727	.724	29.680	30
556	29.527	29.504	29.481	29.480	29.466	29.459	29.456	29.456	29.455	29.462	29.574	31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
50.1	50.0	49.0	48.7	48.3	48.1	48.2	48.9	49.0	49.9	50.7	51.9	52.9	54.3	53.6	50.9	50.3	49.9	49.7	49.0	48.9	48.3	48.2	50.0	1
47.9	48.0	48.0	48.2	48.0	49.0	48.9	48.6	48.5	48.5	48.7	48.8	48.2	48.1	48.1	48.1	46.9	48.5	48.4	47.9	47.2	47.5	47.5	48.1	2
47.3	46.9	46.8	47.4	47.3	47.6	48.9	48.2	50.8	50.7	49.0	51.2	50.3	52.1	50.0	49.7	50.8	48.8	48.9	48.1	48.5	48.0	48.0	48.9	3
48.3	48.4	48.6	48.2	48.9	49.9	48.9	49.8	49.9	50.8	50.9	51.0	51.0	50.3	50.0	49.8	49.5	49.2	49.0	48.9	48.2	47.9	47.4	49.3	4
47.1	46.9	46.3	46.9	47.4	48.0	48.4	48.0	49.0	50.9	51.6	51.7	50.9	51.2	51.9	51.5	50.3	50.2	50.0	49.3	48.5	48.8	48.8	49.2	5
48.1	48.0	47.8	47.3	48.4	52.0	51.9	51.8	53.1	52.3	52.5	54.5	50.3	55.2	53.5	52.2	52.2	51.0	50.9	51.2	51.2	51.7	52.3	51.3	6
53.2	53.0	51.4	48.9	48.1	49.0	49.0	50.9	50.2	52.1	50.3	51.9	51.9	52.0	50.5	49.5	49.9	49.2	49.3	49.3	49.1	49.2	49.2	50.4	7
49.3	49.5	49.7	49.8	49.8	49.8	50.0	50.5	51.5	51.6	51.0	52.9	52.2	53.9	53.2	54.0	51.9	51.9	50.9	51.0	50.9	50.0	50.1	51.1	8
49.9	49.6	49.5	49.7	49.8	50.3	50.5	51.0	50.3	51.0	50.8	53.5	52.3	53.9	53.0	51.9	52.3	52.5	51.9	50.7	50.0	49.9	50.4	51.0	9
49.4	49.3	48.9	48.3	48.8	49.2	50.8	51.9	52.9	52.9	51.8	51.0	50.9	50.5	51.0	51.9	51.0	48.0	47.6	46.0	45.5	46.0	45.8	49.6	10
46.3	46.2	45.0	45.0	45.7	46.8	45.8	46.0	45.9	47.0	48.0	48.0	48.0	47.8	48.8	48.9	49.0	48.4	47.9	47.0	46.4	46.1	46.0	46.8	11
46.3	46.0	45.0	46.0	46.0	46.0	46.8	48.0	49.8	51.8	50.4	50.5	50.6	50.8	51.2	50.7	50.5	49.8	*	49.2	49.0	48.3	47.9	47.9	48.7	12
47.4	46.6	45.9	46.0	46.0	46.4	46.4	47.9	48.8	48.8	48.3	49.2	50.3	51.0	51.7	49.6	48.1	47.7	48.3	48.8	48.9	48.8	48.8	48.2	13
44.5	44.8	50.0	50.3	50.7	51.5	51.6	51.0	51.2	50.8	50.8	50.8	49.3	49.7	50.1	50.9	50.3	49.7	49.7	48.9	48.5	48.1	48.0	50.0	14
47.9	47.8	47.7	47.8	48.0	48.1	48.3	49.0	49.0	49.9	50.0	50.8	50.9	51.9	51.9	52.1	51.9	51.0	50.2	49.9	48.9	48.1	47.9	49.5	15
46.7	46.3	46.0	46.0	46.1	47.5	47.9	49.3	50.9	51.0	49.6	50.2	49.6	49.9	49.9	48.8	48.0	47.8	46.9	46.8	46.7	46.2	46.2	48.0	16
46.6	46.6	46.8	47.0	47.5	48.0	49.0	50.0	50.7	51.5	52.9	54.0	54.8	55.1	55.9	56.1	56.7	55.6	55.1	55.0	54.4	54.2	53.3	51.8	17
52.3	52.2	51.9	51.8	52.0	52.9	54.0	54.5	56.7	56.8	58.4	60.0	60.2	60.6	60.0	59.1	59.4	59.8	58.7	58.0	56.1	56.3	56.3	56.3	18
53.4	53.3	53.5	54.0	55.4	56.4	56.7	57.4	56.7	56.7	55.9	54.6	54.2	54.1	54.7	55.2	55.3	53.2	55.0	54.7	54.1	54.2	54.0	55.4	19
53.8	53.8	54.0	53.9	54.0	55.2	55.2	56.5	57.0	57.0	56.9	57.4	56.3	56.3	56.0	55.3	54.2	54.9	55.2	55.4	55.3	55.5	55.2	55.3	20
54.4	53.9	53.8	53.8	54.3	54.5	53.8	52.5	52.2	53.5	54.2	55.9	54.7	54.8	53.5	53.0	52.5	52.2	52.0	52.2	52.3	52.1	52.0	53.5	21
52.3	52.2	52.3	51.7	51.6	53.8	54.2	56.6	58.0	58.8	58.6	60.0	62.0	62.1	62.1	61.0	60.7	58.9	57.9	54.8	53.3	52.8	50.9	56.2	22
47.4	46.7	46.8	45.2	46.5	48.0	50.8	52.0	53.5	55.0	55.3	56.9	56.8	56.8	55.1	54.3	53.8	52.3	51.0	51.3	51.8	51.9	52.2	51.6	23
52.7	53.0	52.9	53.0	53.2	53.9	53.5	53.8	53.9	53.6	53.9	53.9	54.0	54.0	53.0	53.3	52.9	52.9	52.0	51.6	51.4	51.4	51.6	53.1	24
50.6	50.6	50.3	50.8	50.9	52.0	52.0	52.5	54.0	53.6	54.4	53.7	54.8	53.8	54.4	54.9	52.8	52.9	52.1	51.9	52.6	52.8	52.5	52.6	25
51.5	52.0	51.9	51.9	51.9	52.0	52.5	53.0	54.4	54.7	53.9	55.8	56.7	56.5	56.4	54.9	54.1	53.9	53.1	52.9	52.9	52.3	50.7	53.4	26
48.1	47.5	47.2	48.4	49.0	50.9	51.0	51.0	52.0	52.9	52.4	52.1	52.3	51.8	52.3	52.3	52.4	51.8	52.2	51.7	50.5	51.0	51.9	50.9	27
52.8	53.0	53.3	53.8	54.0	55.8	57.3	59.0	60.0	60.0	60.0	60.0	60.0	58.3	58.0	57.8	58.0	58.2	58.2	57.8	57.1	56.5	52.2	57.0	28
56.2	56.6	57.3	57.8	57.3	57.6	58.0	58.3	60.4	59.9	60.8	60.9	60.8	61.5	58.8	58.6	58.2	57.9	57.7	56.1	55.8	55.9	56.6	58.1	29
54.4	53.1	52.5	52.0	51.3	52.0	52.5	52.6	52.1	53.0	53.0	52.7	54.0	53.9	54.6	52.4	52.0	52.9	52.2	50.8	49.8	49.2	48.1	52.5	30
47.5	48.0	48.2	47.3	47.9	49.7	51.3	51.9	52.8	52.8	52.5	53.8	53.8	54.0	53.5	53.5	54.0	54.3	54.9	57.8	56.2	55.0	54.5	52.2	31

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT 55°53′N. LONG: 4° 18′W.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	13	9.5	11	9.5	9	14	8	15	8	19	7	17	6	16	7	19	7	19	6	20	6	19	6	17	7	15
2	6	6.5	6	4.5	6	4	6	4.5	22	8.5	22	12	23	20	23	23	23	26	22	27	23	30	22	27	22	32
3	20	28	21	24	20	23	21	23	20	22	20	23	20	25	19	25	20	26	20	29	21	26	21	26	21	28
4	22	15	22	16	22	18	22	16	23	12	25	11	23	16	23	17	23	18	24	16	24	20	23	19	24	20
5	22	9.5	24	12	24	12	24	12	23	14	24	13	24	14	25	20	25	19	25	19	26	24	25	20	26	22
6	23	8.5	23	5.5	23	7.5	23	5.5	22	6.5	22	6.5	23	9.6	25	6.5	23	8.5	20	8.5	20	11	21	11	20	14
7	7	4	20	7.5	23	19	24	20	24	12	24	15	24	16	22	22	23	24	23	23	21	27	21	26	20	26
8	18	18	17	19	19	16	17	16	18	18	19	16	18	16	18	19	18	15	18	17	18	19	20	12	19	14
9	25	6.5	26	6.5	27	5.5	27	8.5	27	7.5	25	10.5	27	10.5	26	8.5	28	9.5	29	11	27	11	30	16	30	10.
10	28	9.5	26	9.5	24	6.5	26	7.5	25	8.5	26	7.5	27	7.5	28	9.5	25	13	24	16	27	22	26	23	26	22
11	25	6.5	22	7.5	23	11	24	9.5	25	9.5	25	5.5	25	7.5	26	10.5	25	7.5	29	6.5	26	9.5	24	10.5	25	9.
12	26	1.5	26	2	82	4.5	5	5.5	5	4	7	6.6	6	7.6	6	7.5	6	8.5	5	9.5	5	11	5	10.5	5	10.
13	4	18	5	15	5	14	5	15	5	13	6	12	6	14	5	17	5	16	4	19	4	18	5	16	4	14
14	3	15	4	17	4	17	5	19	4	18	4	13	4	11	4	13	4	15	4	16	4	22	3	15	3	17
15	3	3	3	6.5	5	5.5	6	3	5	3	5	4	7	4.5	11	6.5	10	7.5	8	7.5	7	6.5	7	4.5	7	6.
16	6	11	6	10.5	5	9.5	6	12	5	9.5	5	10.6	6	12	5	10.6	7	11	7	14	7	15	6	12	8	11
17	5	10.5	5	13	5	10.5	5	8.5	5	7.5	6	9.5	5	11	5	8.5	4	7.5	6	7.5	5	8.5	5	6.5	4	5.
18	2	4	2	3	2	3	2	3	2	4	2	2	2	2	2	2	2	2	2	4	2	3	27	4	17	4
19	7	4	7	4	7	5.5	7	4.5	9	6.5	9	4	15	4	15	4.5	11	7.5	14	9.6	17	12	21	9.5	17	13
20	9	9.6	9	6.5	9	6.5	7	7.5	7	8.5	7	6.5	7	6.5	8	6.5	8	7.5	3	9.5	5	15	4	16	3	17
21	27	7.5	29	5.5	29	4	29	6.5	29	6.5	29	4	30	6.5	32	8.5	3	15	4	9.6	4	4	28	10.5	30	7.
22	22	5.5	22	6.5	23	7.5	28	8.5	22	6.5	24	6.5	24	4.5	25	11	24	6.5	19	5.5	31	9.5	31	7.5	30	5.
23	24	7.5	24	5.5	21	5.5	21	5.5	21	6.5	21	7.5	24	6.5	25	6.5	22	6.5	23	8.5	23	11	23	10.5	20	11
24	23	2	23	4	17	1.5	17	2	17	1.5	22	6.5	23	9.5	23	11	25	13	25	15	23	15	23	18	24	17
25	24	7.5	20	8.6	20	10.6	21	9.6	21	10.5	21	7.5	18	10.5	21	16	21	18	21	17	24	16	21	20	22	17
26	22	3	22	4	17	5.5	17	6.5	17	5.5	19	10.5	18	12	19	13	19	13	18	12	18	11	18	13	18	13
27	23	8.5	23	7.5	23	8.5	24	5.5	24	5.5	22	7.5	23	8.5	25	8.5	24	8.5	22	8.5	23	11	20	15	20	14
28	14	7.5	16	7.5	13	3	6	4	6	4	6	2	6	4	6	4.5	18	10.5	20	19	20	25	20	26	20	24
29	21	5.5	21	3	21	4	13	4.5	16	10.5	16	12	16	11	17	9.5	16	11	17	17	17	16	18	16	16	22
30	20	19	23	11	23	9.5	24	9.5	23	9.5	23	11	23	10.5	25	10.5	24	11	25	9.6	23	11	26	10.5	26	8.5
31	23	2	23	3	23	4	23	4	23	4.5	32	3	5	5.5	7	10.5	6	16	5	14	4	14	6	15	6	16

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 180 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	060	030	010	030	070	106	052	012	077	110	010	.	.	.	.	.	.	.	.	.	.	.
2	.	.	013	070	062	046	030	020	002	008	.	010	018	012	028	002	027	223	028	002	.	.	.	010
3	002	006	001	.	011	009	028	011	002	.	007	.	.	.	003	.	.	.	.	.	.	.	012	018
4	.	002	001	001	001	002	002	003	.	.	.	007	002	002	.	.	.	018	001	.	.	002	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	047	056	048	068	052
7	068	003	001	001	017	.	.	.	.	.	.	.	.	.	.	.	.	008	002	.	.	010	010	013
8	015	006	006	028	011	001	.	.	010	.	.	094	044	002	.	.	.	018	037	003	001	.	002	002
9	001	001	019	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	050	.	.	.	002	001
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	005	004	002	009	010	010
14	009	.	.	.	002	001	002	011	012	003	030	023	029	028	047	022	001	.	.	001	007	.	.	.
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	002	110	007	001	009	049	001	018	030	001	.	.	.	.	.	.	.	021	032
20	148	177	045	005	083	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	020	012
21	048	040	040	012	048	060	053	054	.	001	020	.	.	.	.	.	.	.	.	.	.	010	010	002	003
22	.	.	004	.	001	.	.	.	002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	001	.	.	001
24	018	024	042	014	053	074	070	.	.	.	.	.	.	.	.	.	.	.	.	.	.	049	011	005
25	004	.	009	.	010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.	002	005	002	.	.	.	013	019	004	004	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.	.	.	.	007	004	021	198	090	090	015	.	.	.	018	002	.	.	.	.	.	.	.	.
29	.	001	005	020	003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.	.	.	.	.	.	100	040	038	002	.	037	043	010	.	.	.	.	.	040

*Hours [illegible] † Measured and Direction ‡ Obtained from reading of Standard. • Approximate

HOURLY VALUES JULY 1879.

AND VELOCITY IN MILES PER HOUR.

2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS
V		D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
12		11	14	15	16	15	16	15	14	13	10.5	13	9.5	12	8.5	12	7.5	9	8.6	7	7.5	1
33		25	33	23	40	23	34	23	26	22	29	22	28	22	30	21	31	21	27	20	25	2
29		23	25	22	28	22	27	22	26	22	21	22	19	22	17	20	11	21	15	22	18	3
23		25	21	26	19	23	17	23	13	22	16	22	14	25	10.5	22	13	23	13	23	11	4
22		25	19	25	21	26	18	24	19	24	10.5	25	12	23	16	24	11	23	7.5	23	9.5	5
13		21	14	21	12	22	8.5	22	8.5	16	10.5	14	7.5	9	6.5	6	6.5	6	5.5	11	3	6
25		20	23	21	16	21	11	21	10.5	19	10.5	16	10.5	17	11	16	12	17	17	17	18	7
21		20	14	19	12	22	11	27	7.5	29	7.5	28	8.5	25	5.5	25	4.5	25	8.5	25	8.5	8
13		29	15	32	16	31	11	30	9.5	1	11	1	11	29	7.5	27	8.5	27	8.5	27	8.5	9
23		25	20	26	22	26	21	26	19	26	18	27	17	26	15	27	15	24	10.5	25	11	10
8.5		26	11	25	8.5	25	9.5	26	6.5	26	6.5	26	4	26	4	26	3	26	4	26	3	11
10.5		6	12	5	12	5	15	6	15	6	16	5	17	6	15	5	17	5	16	4	14	12
22		4	19	5	19	4	18	3	16	3	15	3	18	4	18	5	18	4	15	4	14	13
17		3	18	2	9.5	3	7.5	4	11	4	8.5	5	9.5	5	11	6	12	7	8.5	7	8.5	14
7.5		5	7.5	5	7.5	5	5.5	5	9.5	6	9.5	5	8.5	5	10.5	6	10.5	6	10.5	6	11	15
10.5		6	12	5	11	5	15	5	12	6	14	6	12	6	12	6	10.5	5	14	5	9.5	16
5.5		4	4	29	4.5	29	4	29	2	29	4	29	3	29	3	29	5.5	29	4.5	2	4.5	17
5.5		6	5.5	4	6.5	4	4	4	2	26	3	26	2	26	4	26	4.5	26	3	3	4.5	18
12		19	14	18	12	20	8.5	17	8.5	17	6.5	16	6.5	13	6.5	14	6.5	11	8.5	11	6.5	19
13		2	15	1	11	1	11	2	7.5	3	7.5	3	4.5	27	4.5	27	4	27	3	27	3	20
9.5		29	12	31	8.5	31	10.5	32	14	31	11	30	14	30	9.5	29	9.5	29	17	30	10.5	21
10.5		25	15	25	18	26	17	25	17	27	11	6	6.5	4	8.5	6	3	6	3	6	4.5	22
15		20	15	20	14	21	13	18	10.5	20	9.5	19	8.5	21	7.5	23	3	23	4	23	2	23
17		23	21	23	17	22	16	23	17	20	13	19	12	19	12	20	7.5	19	7.5	22	6.5	24
19		21	18	21	18	22	16	20	15	20	14	20	8.5	21	6.5	21	7.5	21	7.5	22	6.5	25
14		19	16	20	13	21	15	20	15	19	13	19	10.5	20	7.5	21	7.5	20	7.5	21	8.5	26
14		21	13	18	9.5	17	8.5	17	6.5	20	5.5	17	5.5	17	5.5	14	6.5	14	6.5	14	5.5	27
21		21	14	22	10.5	19	9.5	21	6.5	21	5.5	20	13	20	12	20	12	20	12	21	7.5	28
23		16	22	18	17	16	16	16	17	16	12	15	11	16	10.5	15	13	17	9.5	16	15	29
10.5		24	11	25	10.5	23	10.5	23	6.5	23	5.5	23	5.5	23	4	23	4	23	4	23	2	30
19		6	18	6	18	6	18	7	15	7	10.5	7	8.5	14	7.5	17	9.5	18	5.5	21	3.5	31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
319	332	314	316	314	313	317	329	325	346	356	368	372	375	381	325	320	318	318	287	308	295	297		1
311	318	323	326	321	327	323	314	313	314	323	318	309	303	301	315	307	317	314	302	291	297	298		2
296	297	298	312	304	312	320	314	326	340	289	306	290	343	289	294	309	295	309	309	319	314	313		3
315	316	322	313	318	330	320	339	321	326	344	332	325	311	312	307	381	315	322	321	307	306	300		4
294	295	285	295	298	301	303	288	296	321	319	332	320	314	326	316	309	313	318	319	312	325	325		5
316	310	313	305	311	342	334	331	323	333	335	338	332	362	349	344	351	337	354	353	362	373	380		6
394	390	361	327	304	311	296	305	282	312	302	302	307	309	314	299	334	318	323	323	326	329	331		7
385	337	343	343	337	331	329	342	336	339	354	365	341	361	371	350	358	363	341	357	359	339	342		8
341	339	332	331	324	315	319	319	298	308	301	333	314	327	311	312	315	358	337	312	314	302	327		9
320	324	315	309	308	305	313	316	328	324	308	287	285	275	280	296	287	264	264	256	256	273	262		10
269	267	263	265	274	278	252	248	237	254	266	258	261	252	270	271	277	268	278	283	271	283	285		11
295	289	281	284	275	295	309	324	340	315	312	314	314	312	304	307	304	*	312	317	314	307	308		12
305	291	280	281	280	278	266	276	284	280	270	279	285	284	304	289	277	283	300	319	320	320	320		13
326	327	332	339	341	361	360	337	346	330	334	328	307	305	312	326	317	319	324	309	312	310	308		14
308	304	302	303	309	304	300	303	300	309	303	317	320	328	326	330	339	328	325	329	317	304	304		15
286	283	279	280	278	288	286	289	312	314	294	301	294	297	301	290	281	285	279	283	287	281	285		16
291	292	298	300	304	306	317	318	330	337	345	353	364	362	311	376	380	385	392	389	387	398	382		17
367	369	367	368	368	379	392	399	411	371	403	461	434	459	446	447	454	467	457	449	427	433	433		18
420	418	420	421	418	446	435	447	423	445	418	409	403	395	397	400	400	400	401	397	383	396	397		19
402	400	403	405	405	415	401	419	430	400	386	411	403	399	403	393	374	390	395	413	414	419	421		20
406	398	397	400	407	405	388	355	347	371	372	387	352	362	361	318	316	328	325	346	348	330	319		21
350	352	325	349	348	370	363	389	421	389	364	362	446	440	446	426	428	411	430	395	376	370	340		22
295	288	278	267	283	289	317	319	336	347	347	368	365	370	351	359	363	344	330	339	355	358	369		23
381	391	387	391	394	403	386	373	343	345	344	422	340	343	322	326	324	363	352	367	359	359	361		24
338	361	343	356	354	361	349	354	368	360	367	337	353	342	351	352	340	346	343	345	367	380	372		25
361	363	367	368	358	353	356	365	388	392	375	405	403	378	370	378	374	381	374	378	378	366	343		26
310	308	305	318	320	333	325	307	308	320	320	327	326	317	328	334	333	331	345	333	313	326	347		27
374	376	386	402	405	437	461	486	505	500	490	483	476	467	463	451	453	459	467	458	442	436	436		28
436	446	460	467	456	464	489	437	456	450	472	472	468	481	429	426	420	413	420	386	390	402	409		29
398	378	377	368	353	349	349	342	325	322	304	313	330	359	348	320	320	347	344	342	338	329	313		30
308	316	315	293	302	329	346	357	370	385	379	399	397	404	392	397	405	408	417	460	435	445	414		31

Meteorological Office
116 Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary

ABERDEEN OBSERVATORY LAT. 57° 10′ N LONG 2° 6′ W

BAROMETER.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	29·650	29·627	29·605	29·577	29·543	29·500	29·463	29·434	29·380	29·333	29·285	29·223	29·14
2	28·932	28·921	28·910	28·899	28·884	28·868	28·860	28·860	28·857	28·851	28·863	28·850	28·84
3	28·957	28·949	28·950	28·960	28·979	28·978	28·995	29·003	29·005	29·012	29·018	29·025	29·03
4	29·111	29·114	29·115	29·122	29·133	29·145	29·165	·180	·195	·212	·229	·254	·26
5	·438	·442	·442	·444	·457	·458	·471	·477	·487	·492	·505	·512	·51
6	·683	·691	·698	·702	·708	·721	·738	·738	·738	·732	·725	·723	·71
7	·447	·417	·380	·352	·335	·310	·305	29·297	29·298	29·295	29·298	29·289	29·28
8	·133	·109	·083	·059	·036	·023	·006	28·994	28·994	28·985	28·972	28·972	28·97
9	·042	·057	·062	·075	·098	·115	·146	29·167	29·185	29·208	29·242	29·258	29·27
10	·493	·508	·532	·548	·537	·556	·586	·606	·617	·632	·648	·656	·67
11	·737	·739	·742	·746	·746	·751	·760	·753	·751	·759	·762	·765	·76
12	·748	·741	·727	·720	·720	·715	·717	·718	·713	·710	·709	·700	·69
13	·661	·647	·636	·637	·640	·639	·633	·640	·639	·643	·641	·640	·63
14	·615	·616	·616	·616	·617	·627	·633	·640	·649	·650	·659	·671	·68
15	·766	·766	·768	·771	·779	·789	·796	·795	·795	·809	·814	·823	·82
16	·860	·857	·854	·854	·851	·858	·861	·862	·862	·864	·866	·871	·87
17	·845	·839	·839	·836	·839	·847	·848	·856	·856	·859	·866	·863	·86
18	·914	·926	·924	·926	·928	·936	·939	·945	·762	·753	·756	·948	·94
19	·893	·878	·863	·844	·836	·824	·819	·813	·799	·788	·782	·772	·76
20	·584	·568	·538	·577	·498	·477	·458	·438	·415	·402	·389	·374	·36
21	·369	·379	·390	·405	·430	·444	·460	·479	·481	·485	·492	·488	·49
22	·574	·581	·589	·613	·618	·640	·658	·659	·681	·694	·704	·724	·72
23	·825	·826	·827	·832	·844	·857	·864	·865	·868	·870	·871	·873	·88
24	·819	·809	·794	·783	·773	·772	·772	·778	·780	·779	·784	·782	·78
25	·803	·797	·786	·777	·777	·777	·773	·775	·772	·770	·768	·774	·77
26	·806	·797	·792	·788	·784	·787	·785	·782	·777	·766	·764	·756	·74
27	·758	·764	·776	·789	·804	·804	·813	·814	·826	·839	·839	·846	·85
28	·831	·824	·814	·803	·786	·778	·779	·772	·775	·773	·778	·777	·76
29	·846	·846	·847	·835	·838	·838	·843	·842	·839	·834	·829	·802	·78
30	·689	·674	·671	·677	·692	·697	·714	·731	·746	·760	·774	·781	·79
31	29·858	29·849	29·848	29·839	29·835	29·838	29·830	29·838	29·886	29·837	29·826	29·817	29·81

DRY BULB THERMOMETER ... 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	MEAN
1	50.7	49.5	49.0	49.1	50.3	50.1	50.6	50.3	50.1	50.6	50.4	49.3	49.7	50.1	50.2	50.1	50.6	51.1	52.4	52.8	51.7	51.2	50.4	50.5	50.
2	50.3	49.6	49.5	49.6	49.7	49.6	50.1	50.4	51.1	53.6	55.2	54.5	57.6	58.4	57.7	55.7	58.2	57.7	56.3	55.3	54.0	53.0	52.0	51.4	53.
3	51.4	51.2	51.1	50.9	50.9	51.3	51.3	51.7	52.6	52.5	53.6	54.6	55.4	55.8	56.4	57.2	56.6	55.8	55.2	53.3	51.7	51.3	50.8	50.6	53
4	50.3	49.6	49.6	50.0	50.2	52.9	56.8	56.7	57.8	58.2	58.8	57.2	59.6	56.5	58.7	57.3	54.8	57.7	56.1	54.4	53.7	52.6	51.8	51.1	54.
5	50.6	50.4	49.9	49.8	49.5	49.7	51.5	53.7	55.8	56.8	53.5	53.0	58.7	58.0	57.7	53.3	55.3	56.0	55.7	54.2	52.7	50.4	48.8	48.1	53.
6	48.4	49.6	50.4	51.1	51.6	53.0	54.8	55.4	56.0	58.0	58.0	58.0	57.7	59.4	58.1	57.0	58.0	57.0	54.1	53.2	51.4	51.6	51.0	51.2	54.
7	50.2	50.3	49.8	49.9	50.1	51.8	55.2	59.1	59.6	60.2	60.5	61.0	61.8	61.0	58.4	55.5	59.1	56.3	57.5	56.2	54.3	52.2	51.3	50.9	55.
8	50.2	50.2	49.9	50.0	50.4	50.6	50.7	51.4	51.4	53.6	55.6	56.4	57.2	57.8	56.6	57.4	57.2	55.6	52.5	51.2	50.9	50.8	50.4	50.3	52
9	50.4	50.7	51.3	51.4	51.6	51.8	53.4	53.0	54.7	56.2	54.7	55.0	54.7	54.1	54.5	53.0	52.9	52.4	53.1	52.6	52.3	50.7	50.7	50.6	52.
10	50.0	50.1	49.6	49.4	49.4	50.0	50.3	50.3	51.0	51.0	51.7	53.8	53.4	54.0	53.1	51.0	51.2	51.2	50.6	47.9	47.1	46.4	46.7	46.3	50.
11	46.0	46.2	46.6	46.6	46.0	46.6	49.0	50.6	52.1	53.0	53.6	54.4	54.2	54.4	53.6	54.6	54.6	53.3	52.2	51.5	50.8	50.3	49.7	49.4	50.
12	49.2	48.8	48.4	46.4	47.1	50.8	52.0	53.0	54.4	56.3	54.2	53.3	54.9	53.3	52.1	52.0	51.3	51.0	50.9	50.4	49.9	49.7	49.2	49.4	51.
13	49.3	49.4	49.0	48.7	49.2	49.3	50.6	50.8	51.7	51.7	52.0	51.8	52.0	52.4	52.0	51.7	51.6	51.3	51.0	50.9	50.8	50.1	50.3	50.4	50.
14	50.6	51.0	51.2	50.7	50.6	50.6	50.7	51.1	51.4	51.6	51.7	51.6	51.4	51.3	51.2	51.4	50.9	50.8	50.7	50.6	50.2	50.2	50.1	49.9	50.
15	49.4	48.7	48.7	48.3	48.2	48.2	49.5	52.9	51.5	51.3	51.7	52.4	52.7	52.6	52.7	52.9	52.6	51.2	50.6	49.9	49.2	49.1	46.2	45.0	50.
16	46.3	46.7	45.8	46.0	46.5	48.0	50.2	50.3	51.0	51.7	51.8	52.0	52.0	51.6	51.5	51.0	51.0	50.7	50.3	50.0	49.5	49.3	49.3	49.3	49.
17	49.3	49.2	49.2	49.0	49.7	50.3	50.8	51.3	51.6	53.0	53.0	54.9	55.2	57.0	55.8	56.2	56.0	55.3	54.7	53.1	52.5	52.3	52.1	52.2	52.
18	52.3	51.9	51.0	50.9	51.8	52.6	55.9	53.8	54.0	55.0	56.5	58.7	56.2	57.2	*	57.0	*	55.0	53.6	52.7	*	52.1	52.2	52.3	54.
19	52.0	52.0	51.9	51.9	52.4	52.6	52.8	52.7	53.2	52.8	52.7	52.7	53.7	55.1	55.3	56.0	54.6	55.0	54.5	54.7	53.7	53.1	52.5	52.1	53.
20	51.8	52.2	51.4	51.4	51.3	51.5	51.8	51.8	51.8	51.8	52.1	52.0	52.1	52.0	52.3	52.0	52.3	52.4	52.2	51.9	51.8	51.9	52.0	52.0	51.
21	51.7	51.7	52.0	51.9	51.5	53.6	53.7	54.7	56.0	56.7	55.2	57.0	57.0	54.4	53.3	52.8	52.3	52.4	52.0	51.9	52.5	51.8	51.7	51.3	53.
22	51.1	51.0	51.1	50.7	50.7	51.0	51.1	51.6	52.9	53.4	53.9	54.2	55.4	55.4	55.7	56.7	56.1	54.6	53.8	53.2	52.7	52.3	52.0	51.5	53.
23	51.6	51.0	50.6	50.0	50.0	50.3	50.8	50.8	51.8	51.4	52.5	52.7	53.6	55.4	56.6	57.0	54.7	53.0	51.2	50.1	50.3	50.6	50.1	49.7	51.
24	49.6	49.4	49.1	49.3	49.5	50.4	51.2	51.2	51.3	53.7	53.6	54.1	54.7	57.6	59.7	58.0	57.7	58.5	57.0	55.1	53.7	53.1	53.1	52.5	53.
25	51.3	50.7	49.0	48.0	49.2	52.4	56.6	56.5	60.5	60.6	63.0	62.3	58.6	60.6	60.8	60.7	64.6	59.6	58.0	58.0	55.6	52.3	51.4	49.4	56.
26	48.8	48.6	48.6	51.0	52.2	53.8	56.0	59.0	58.3	60.2	59.0	61.4	61.7	60.0	62.7	62.4	62.2	60.2	58.4	56.7	56.4	56.0	53.9	53.7	56.
27	53.6	52.7	51.3	51.6	52.4	53.7	54.5	56.0	57.7	58.9	59.5	57.2	57.0	56.6	56.2	54.7	54.2	53.0	52.7	52.9	51.7	49.3	48.2	48.4	52.
28	49.3	48.7	48.7	49.7	51.8	53.4	57.0	56.0	54.4	54.3	55.5	56	3 60.4	63.6	67.3	67.0	67.4	66.4	64.2	62.0	60.6	56.9	55.1	54.3	57
29	52.5	52.7	53.6	52.7	54.3	55.1	55.7	57.7	56.6	58.0	57.3	60.8	62.7	65.8	65.9	68.4	65.0	61.4	60.1	59.0	58.6	54.2	57.8	56.6	58
30	56.4	59.0	59.0	57.2	56.4	57.7	59.2	60.0	60.0	61.6	62.3	59.0	57.7	57.1	57.0	66.8	56.7	56.3	55.6	54.4	55.0	54.6	54.3	53.4	57
31	57.1	49.2	47.1	47.3	48.6	50.9	53.1	53.3	53.8	53.9	53.5	53.4	53.4	53.2	53.0	52.7	52.6	51.7	51.7	52.0	52.7	53.6	54.2	54.1	52

* Record defective or Instrument out of action. † Reading at Standard. ° Approximate.

HOURLY VALUES JULY 1879.

CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
078	29·015	28·972	28·945	28·929	28·930	28·927	28·932	28·945	28·944	28·944	29·222	1
840	28·837	28·833	28·828	28·849	28·880	28·893	28·923	28·937	28·951	28·953	28·880	2
042	29·043	29·045	29·058	29·068	29·077	29·080	29·090	29·091	29·102	29·104	29·028	3
293	·304	·324	·352	·367	·380	·401	·414	·421	·425	·429	29·265	4
526	·537	·566	·571	·586	·603	·622	·645	·665	·674	·679	29·534	5
697	·690	·670	·656	·634	·611	·583	·559	·531	·506	·480	29·664	6
289	29·273	29·261	29·248	29·236	29·226	29·223	29·213	·206	·183	·160	29·284	7
974	28·964	28·965	28·967	28·971	28·972	28·977	28·988	·003	·015	·029	29·007	8
302	29·325	29·354	29·369	29·378	29·393	29·409	29·426	·448	·469	·484	29·262	9
682	·680	·699	·704	·709	·714	·726	·736	·740	·742	·739	29·644	10
·772	·774	·770	·770	·770	·770	·769	·769	·767	·757	·753	29·759	11
·692	·690	·685	·683	·681	·674	·674	·671	·672	·672	·668	29·700	12
·637	·628	·624	·621	·614	·620	·619	·624	·625	·626	·622	29·633	13
·686	·698	·703	·709	·716	·723	·745	·759	·769	·766	·768	29·680	14
834	·836	·831	·837	·841	·845	·852	·863	·864	·863	·859	29·817	15
·866	·859	·858	·862	·855	·853	·861	·862	·859	·854	·843	29·859	16
·861	·867	·867	·873	·879	·886	·887	·895	·904	·911	·913	29·867	17
·946	·944	·943	·940	·941	·936	·934	·931	·928	·923	·909	29·936	18
·745	·733	·713	·702	·689	·668	·662	·657	·635	·618	·608	29·754	19
·355	·341	·327	·326	·324	·332	·339	·342	·351	·357	·365	29·407	20
·497	·521	·521	·510	·512	·521	·526	·534	·544	·545	·557	29·483	21
·738	·744	·744	·755	·768	·792	·801	·810	·815	·814	·818	29·711	22
·876	·864	·864	·869	·868	·869	·873	·871	·864	·846	·823	29·858	23
·791	·788	·788	·792	·791	·794	·797	·804	·802	·804	·804	29·790	24
·774	·770	·767	·769	·777	·786	·795	·806	·805	·802	·804	29·783	25
·739	·730	·725	·724	·730	·738	·747	·767	·752	·753	·753	29·761	26
·863	·868	·868	·871	·867	·867	·867	·866	·862	·858	·841	29·835	27
·759	·759	·761	·769	·783	·789	·810	·823	·841	·844	·844	29·793	28
·773	·752	·750	·753	·744	·736	·737	·737	·728	·714	·707	29·790	29
·797	·811	·821	·834	·838	·854	·850	·867	·865	·864	·856	29·777	30
·797	29·784	29·761	29·786	29·722	29·703	29·677	29·654	29·631	29·613	29·593	29·772	31

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
48·1	47·8	47·9	48·6	48·7	49·0	48·8	49·2	49·6	49·2	48·5	49·1	49·6	49·8	49·8	50·2	50·7	51·6	51·6	49·9	49·1	48·3	48·7	49·3	1
48·1	47·9	47·9	47·9	48·1	48·9	48·8	49·3	50·0	51·8	52·3	51·6	52·2	52·2	51·2	52·2	52·0	51·2	49·9	48·4	48·0	47·9	47·8	49·8	2
47·0	46·8	46·7	47·0	47·3	47·6	47·9	48·2	48·3	49·0	49·2	50·0	50·3	50·5	50·6	50·3	50·6	50·0	49·5	49·2	48·7	48·3	48·4	48·7	3
48·0	48·2	48·0	48·2	50·0	51·3	50·9	50·9	51·3	52·0	52·5	52·7	51·9	51·7	52·3	52·2	52·6	51·8	51·4	49·9	50·0	49·9	48·6	50·6	4
47·5	47·0	46·9	47·3	47·7	49·4	50·3	50·7	51·0	50·8	52·2	53·0	53·1	54·1	50·9	53·0	52·8	52·0	50·3	49·6	48·5	47·3	46·8	50·0	5
48·2	49·1	49·4	49·3	50·1	51·2	50·9	50·7	51·6	52·6	53·1	52·6	53·6	52·7	52·0	52·9	51·6	50·1	49·4	49·0	49·3	49·2	49·0	50·6	6
49·2	49·1	49·3	49·3	50·9	53·3	55·1	52·3	51·3	51·0	50·7	50·9	52·6	51·2	50·6	52·7	51·0	50·3	49·5	50·4	49·9	49·5	49·1	50·8	7
48·4	48·7	48·9	49·0	49·3	49·3	49·9	49·8	51·1	52·2	52·2	53·3	52·3	52·7	53·2	52·6	51·9	50·2	49·6	49·4	49·6	49·3	49·3	50·5	8
50·0	49·9	50·1	50·6	50·6	51·4	51·0	52·3	52·1	51·8	52·0	52·3	51·6	52·2	50·6	51·0	50·0	50·1	50·6	50·1	48·3	49·1	48·6	50·7	9
47·3	46·4	46·6	46·3	46·6	46·2	46·4	46·7	47·1	46·3	46·7	45·8	46·6	47·2	46·6	46·6	46·4	45·8	46·3	45·6	45·1	45·0	44·4	46·3	10
44·5	44·2	43·9	43·8	44·2	45·9	47·0	47·6	47·6	48·1	48·3	48·8	49·1	48·3	48·6	48·7	47·8	47·4	47·3	47·2	47·1	46·9	46·7	46·8	11
46·1	46·3	44·6	45·3	47·3	47·9	48·1	49·0	49·9	49·3	48·8	50·1	48·9	47·8	48·6	48·3	48·6	48·6	48·5	48·4	47·9	47·3	47·0	47·9	12
47·6	47·4	47·0	47·7	47·5	47·1	47·6	48·6	49·0	49·6	49·3	49·5	50·1	50·0	49·8	49·1	49·0	48·7	48·5	48·9	49·1	49·6	49·9	48·7	13
50·1	50·2	50·2	50·1	49·9	49·9	49·5	49·4	49·3	49·7	49·9	50·0	49·7	49·6	49·4	49·1	48·9	48·5	48·2	48·2	48·2	48·1	48·0	49·3	14
47·2	46·6	45·6	46·0	46·2	46·4	46·4	47·4	47·3	47·3	47·5	47·7	47·9	47·6	47·7	47·2	47·1	46·1	45·6	46·3	45·6	43·9	43·2	46·6	15
48·9	46·3	44·5	44·6	45·6	45·4	45·7	45·8	46·3	46·9	46·7	47·0	47·0	46·9	46·6	47·3	47·3	47·1	46·9	46·9	46·9	46·8	46·6	46·1	16
46·5	46·7	46·4	47·2	47·3	47·7	47·7	47·9	48·2	48·6	49·9	50·4	52·1	52·0	52·4	53·3	52·0	51·3	50·6	50·2	50·6	50·6	50·7	49·5	17
50·7	50·0	49·9	50·3	50·9	53·2	51·9	52·1	52·7	53·4	54·9	53·8	54·0	53·6	54·2	53·3	52·9	51·9	51·4	51·0	51·0	51·3	51·2	52·1	18
50·9	50·9	50·9	51·3	51·6	51·9	51·8	52·2	51·9	51·6	51·8	52·8	53·8	54·1	54·6	53·6	53·9	53·2	53·0	52·4	52·0	51·7	51·2	52·3	19
51·3	50·8	50·9	50·9	51·1	51·4	51·5	51·4	51·4	51·8	51·6	51·7	51·6	51·9	51·6	51·9	52·0	51·8	51·4	51·4	51·5	51·6	51·5	51·5	20
51·3	51·5	51·4	50·9	52·3	52·3	53·1	52·5	52·4	52·2	52·2	54·2	52·8	52·0	51·6	51·3	51·2	50·9	50·9	51·0	50·6	50·5	50·2	51·8	21
49·8	49·7	49·5	49·3	49·3	49·6	49·7	50·3	50·8	51·0	51·0	51·8	51·6	51·9	52·6	52·3	51·3	50·8	50·4	50·0	49·8	49·6	49·4	50·5	22
49·1	49·0	48·8	48·6	49·0	48·8	48·3	48·8	48·8	49·0	49·1	49·6	50·6	51·3	52·0	50·9	50·4	49·0	47·8	48·3	48·4	48·1	48·0	49·2	23
47·9	47·9	48·4	49·0	49·4	50·2	50·3	50·3	52·2	52·0	52·3	53·6	54·2	55·5	54·9	55·0	55·0	54·9	53·6	52·6	52·3	52·2	50·4	51·8	24
48·6	46·9	46·1	46·8	49·0	51·8	52·8	53·6	52·6	53·4	54·2	53·6	54·6	56·1	55·6	55·3	54·6	53·6	53·7	52·3	50·2	48·3	47·2	51·7	25
46·5	46·6	48·4	49·2	50·3	52·0	53·5	53·3	54·3	54·8	56·2	56·6	55·6	57·1	56·6	55·1	53·3	54·6	53·8	53·6	53·2	52·3	51·6	52·8	26
51·0	49·6	49·9	50·3	50·9	50·6	51·2	52·0	53·0	52·8	52·6	52·2	51·6	51·6	51·2	51·6	51·2	50·7	50·9	50·0	48·1	47·1	47·2	50·8	27
47·3	47·2	48·1	50·1	51·2	53·6	53·5	52·6	53·2	54·5	55·1	58·4	60·6	62·6	60·9	60·7	58·4	57·2	57·1	54·2	52·5	51·3	50·8	54·1	28
50·0	51·2	51·2	52·6	53·4	54·4	56·2	56·2	56·6	55·7	57·7	58·3	60·1	60·4	61·1	59·5	57·8	56·7	56·2	56·0	56·3	55·3	54·9	55·7	29
57·1	57·0	55·7	55·2	55·7	56·9	56·6	55·2	55·3	55·7	54·9	54·6	53·2	53·0	52·8	52·7	53·1	53·0	52·3	52·6	52·2	52·3	51·6	54·3	30
48·0	46·1	46·4	47·7	50·0	52·2	62·0	61·5	52·0	51·8	51·7	52·1	52·1	52·4	52·2	52·0	51·2	51·1	51·6	52·3	53·3	53·8	53·7	57·1	31

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT 57° 10'N. LONG: 2° 6' W.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	20	4.5	14	6.5	14	4.5	14	4.5	14	5.5	14	10.5	14	11	11	15	12	18	10	19	12	28	10	28	9	31
2	14	9.5	14	9.5	14	10.5	14	10.5	14	7.5	14	8.5	14	9.5	14	7.5	14	5.5	14	8.5	14	13	15	10.5	20	19
3	18	18	17	16	18	20	18	15	18	19	20	24	18	20	19	19	18	19	18	21	18	22	18	21	18	28
4	18	5.5	18	5.5	18	6.5	20	11	21	7.5	21	8.5	21	8.5	24	10.5	26	10.5	23	14	24	16	28	11	24	13
5	24	4	24	6.5	24	6.5	24	6.5	24	4.5	24	7.5	24	4	24	5.5	25	10.5	25	12	27	14	25	8.5	25	11
6	28	9.5	28	9.5	28	11	28	11	28	12	28	16	28	16	28	14	28	11	27	8.5	31	6.5	13	13	15	13
7	16	10.5	16	11	16	11	16	9.5	16	6.5	16	5.5	16	3	24	10.5	26	18	25	19	24	20	24	14	24	14
8	17	12	17	14	15	14	16	16	16	16	15	18	15	20	15	19	15	17	16	16	15	18	15	16	16	15
9	6	8.5	5	8.5	4	7.5	2	7.5	2	9.5	2	11	2	11	3	15	4	16	1	15	2	15	2	13	32	15
10	29	20	29	20	29	22	29	22	29	26	29	24	28	25	29	24	29	27	29	23	29	27	29	22	29	25
11	27	16	27	16	26	13	27	15	27	16	27	18	26	22	27	20	27	21	27	20	28	19	28	17	30	19
12	29	7.5	29	7.5	29	4.5	29	4	29	3	29	4.5	29	6.5	30	5.5	28	5.5	28	4.5	15	9.5	15	7.5	15	7.5
13	10	2	10	3	10	4.5	10	3	10	3	10	7.5	10	7.5	8	9.5	6	11	6	15	5	19	6	18	6	23
14	5	25	4	26	4	27	3	28	4	28	4	30	3	26	3	26	3	24	3	23	2	27	3	23	4	22
15	30	11	30	12	30	12	30	12	30	9.5	29	11	30	12	30	14	30	12	32	12	31	12	32	11	1	13
16	32	6.5	32	5.5	32	6.5	32	7.5	32	5.5	32	4.5	32	4	3	4	8	4.5	8	5.5	8	7.5	9	6.5	10	7.5
17	12	6.5	12	5.5	12	6.5	12	7.5	12	5.5	12	6.5	12	6.5	12	8.5	12	8.5	13	8.5	13	11	14	15	14	14
18	17	3	17	3	17	3	17	4	17	4	24	5.5	24	3	18	4.5	12	6.5	12	6.5	11	7.5	12	10.5	13	10.5
19	15	6.5	15	7.5	15	7.5	15	7.5	15	6.5	15	6.5	15	7.5	15	8.5	15	7.5	15	6.5	15	9.5	15	7.5	15	7.5
20	17	5.5	17	3	17	6.5	17	7.5	17	4.5	17	4.5	14	8.5	10	8.5	12	10.5	12	7.5	11	11	9	14	9	16
21	4	14	4	16	4	17	5	21	4	19	4	19	3	16	2	11	1	14	1	16	2	25	1	18	31	21
22	29	28	29	26	28	28	30	23	29	24	32	21	30	21	29	24	30	22	30	24	30	23	30	22	30	23
23	29	12	29	11	29	13	28	11	28	13	28	11	28	14	28	14	29	14	28	14	28	15	28	11	27	12
24	15	7.5	15	6.5	15	5.5	15	6.5	15	6.5	15	4.5	15	3	15	4	14	4	14	3	14	4	14	4	14	4
25	16	3	16	4	16	3	16	6.5	19	9.5	20	7.5	20	5.5	20	9.5	22	10.5	23	10.5	20	17	20	14	21	10.5
26	15	3	17	3	17	4.5	17	4.5	17	6.5	17	7.5	19	8.5	20	10.5	18	11	18	13	16	15	16	13	16	16
27	24	4	24	4.5	24	8.5	24	6.5	24	4.5	24	4.5	26	10.5	27	12	26	10.5	27	7.5	27	7.5	16	9.5	16	6.5
28	8	4	8	4.5	8	5.5	13	5.5	15	4.5	15	7.5	16	12	16	13	16	12	16	8.5	16	8.5	16	9.5	16	10.5
29	23	4.5	23	7.5	23	7.5	23	6.5	21	4	21	2	21	4	17	10.5	16	12	16	16	15	15	16	19	15	24
30	18	6.5	18	10.5	16	12	18	5.5	18	5.5	17	5.5	17	6.5	26	7.5	1	7.5	32	6.5	2	7.5	8	14	8	14
31	13	4.5	13	4	13	4.5	13	4.5	13	4	13	3	13	4.5	10	7.5	10	6.5	10	6.5	10	7.5	9	7.5	9	5.5

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 48 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	.	.	.010	.015	.040	.080	.110	.090	.110	.030	.015	.005	.005	.	.	.	.	.
2	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.030	.010	.	.005
4	.	.040	.005	.010	.	.	.	.	.	.	.	.015	.010	.005	.	.010	.020	.	.	.	.	.005	.005	.
5	.	.	.	.	.020	.010	.	.	.	.	.050	.020	.005	.020	.030	.005	.040	.050	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.020	.	.030	.030	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.025	.025	.
8	.015	.010	.005	.005	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010
9	.	.	.	.	.015	.005	.	.	.	.	.	.010	.005	.	.	.010	.025	.010	.	.	.	.010	.010	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.005	.
11	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.005	.005	.020	.085	.025
14	.010	.010	.	.015	.030	.005	.005	.	.	.	.015	.010	.045	.065	.030	.	.010	.010	.	.	.	.	.	.
15	.	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.005	.005	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	.010	.030	.010	.030	.005	.	.005	.	.	.	.045	.025	.015	.010	.040	.085	.060	.050	.035
21	.090	.085	.035	.055	.020	.005	.	.	.	.	.	.	.	.005	.	.025	.030	.010	.005	.005	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.	.	.	.	.	.	.010	.005	.	.	.	.	.020	.	.	.	.	.	.	.010	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.005	.	.005	.	.	.	.	.	.	.	.	.
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.	.	.	.	.	.	.	.	.020	.075	.035	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.	.	.	.	.	.	.	Rain gauge out of order												

*Record defective or Instrument out of action. †Obtained from reading of Standard. ♦Approximate.

HOURLY VALUES JULY 1879.

AND VELOCITY IN MILES PER HOUR

3		4		5		6		7		8		9		10		11		MIDT.		DAYS
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V		
30	11	20	12	15	13	14	16	9.5	16	10.5	19	11	16	14	16	14	15	12	15	12		1
22	18	21	19	20	21	23	20	24	21	16	20	14	21	21	20	18	17	16	18	16		2
24	18	22	19	21	19	20	18	16	19	14	19	15	18	12	19	14	18	8.5	18	7.5		3
14	27	16	26	10.5	24	8.5	25	8.5	26	11	27	4	27	6.5	27	6.5	27	6.5	24	6.5		4
12	27	7.5	10	8.6	8	5.5	29	8.5	29	8.6	28	13	28	18	28	9.5	28	13	28	11		5
16	16	13	15	17	15	14	16	12	16	15	16	14	16	14	16	12	17	10.5	16	10.5		6
6.5	9	10.5	12	9.5	11	4.5	5	5.5	21	12	21	9.5	20	9.5	19	7.5	19	5.5	19	6.5		7
14	15	15	16	14	16	14	16	12	15	5.5	15	5.5	15	4	15	4.5	15	8.5	6	9.5		8
15	4	19	1	18	30	15	28	21	29	23	29	18	30	19	29	20	29	18	30	20		9
22	28	24	29	21	29	23	28	20	28	20	27	18	28	16	27	15	28	13	28	14		10
13	29	15	28	17	30	11	30	11	29	9.5	29	7.5	29	7.5	29	7.5	29	6.5	29	8.5		11
6.5	11	7.5	10	9.5	10	5.5	10	4	10	4.5	10	4.5	10	5.5	10	4	10	3	10	2		12
23	4	21	4	20	4	20	5	24	5	22	5	28	5	23	4	24	4	24	5	25		13
25	2	23	2	20	2	18	2	19	2	15	32	14	32	12	32	13	31	12	31	11		14
10.5	32	13	1	10.5	32	8.5	2	10.5	2	9.5	3	9.6	3	6.5	3	7.5	3	6.5	3	7.5		15
8.5	10	8.5	11	8.5	10	8.5	11	9.5	12	7.5	12	10.5	12	8.5	12	8.5	12	6.5	12	7.5		16
17	16	16	16	15	16	14	16	14	16	11	17	11	17	6.5	17	3	17	3	17	3		17
11	14	12	15	7.5	15	12	15	11	15	7.5	15	7.5	15	7.5	15	7.5	15	7.5	15	8.5		18
13	15	12	15	15	15	10.5	16	17	16	14	18	11	17	8.5	17	7.5	17	9.5	17	4		19
16	8	14	6	18	7	15	7	16	6	17	4	15	4	14	4	15	5	13	5	15		20
19	30	19	29	24	28	26	28	34	28	30	28	32	28	36	28	33	28	34	28	36		21
27	29	25	29	26	28	22	29	21	29	17	29	15	29	20	28	17	28	15	28	18		22
8.5	32	8.5	3	6.5	15	9.5	15	9.5	15	8.5	15	5.5	15	6.5	15	6.5	15	8.5	15	7.5		23
7.5	28	4.5	11	7.5	12	6.5	12	5.5	16	5.5	16	3	16	3	16	3	16	4.5	16	4.5		24
10.5	16	9.5	16	5.5	26	8.5	6	4.5	10	4	10	4.5	10	2	10	4	10	4.5	10	4.5		25
12	16	15	16	11	18	13	16	11	16	11	17	6.5	18	8.5	18	5.5	18	4.5	23	6.5		26
6.5	16	7.5	16	7.5	10	9.5	8	7.5	8	4.5	8	3	8	3	8	2	8	3	8	4.5		27
14	16	12	19	14	20	9.5	24	7.5	24	6.5	28	4.5	25	5.5	23	6.5	23	4	23	7.5		28
24	16	21	16	21	15	18	16	14	16	13	16	12	16	11	16	12	17	6.5	19	6.5		29
17	8	13	12	9.5	12	6.5	12	8.5	12	7.5	13	4.5	13	3	13	4.5	13	2	13	2		30
7.5	9	10.5	8	12	8	12	9	11	7	9.5	7	14	7	9.5	12	9.5	13	6.5	13	6.5		31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
319	317	319	321	326	327	326	338	343	335	331	341	349	353	355	358	365	371	366	337	323	313	322	1
317	314	312	311	317	331	325	330	315	342	363	313	319	326	324	321	321	318	298	275	277	285	287	2
274	271	271	277	280	287	289	286	286	292	287	298	303	301	294	294	310	301	307	319	312	308	313	3
315	319	309	312	323	314	306	296	301	310	337	318	332	305	331	356	335	334	340	312	327	336	312	4
294	287	286	299	306	327	321	312	307	336	354	334	345	373	341	372	360	343	315	317	318	307	303	5
321	333	332	323	325	332	320	310	309	332	345	335	340	334	327	340	318	311	306	318	323	328	320	6
336	340	343	341	361	381	382	310	282	274	263	261	302	296	312	322	313	286	283	317	330	332	327	7
317	328	332	330	335	334	341	338	342	349	340	337	327	347	352	339	342	334	335	334	340	338	339	8
352	342	346	356	354	352	347	360	340	347	349	360	349	360	335	348	330	324	343	334	309	329	317	9
292	278	285	276	278	266	270	270	278	253	245	231	241	260	268	266	261	255	293	288	284	279	270	10
274	273	267	261	262	274	280	278	269	273	270	282	287	277	275	277	270	272	278	283	285	288	287	11
280	288	273	281	285	285	279	285	289	293	292	305	294	282	301	302	313	314	318	320	311	303	293	12
307	308	301	312	306	282	292	305	314	325	321	323	333	335	334	318	319	316	312	323	336	346	353	13
351	350	357	356	351	350	335	328	325	332	338	343	337	335	328	327	323	314	308	312	312	311	310	14
306	292	274	283	288	279	275	280	280	275	273	274	279	272	272	266	276	261	258	281	267	261	257	15
266	274	276	272	276	251	256	251	255	266	260	266	270	269	268	283	286	285	284	290	292	290	286	16
285	289	285	295	290	294	289	290	281	290	301	310	329	342	347	350	346	335	336	334	347	350	350	17
354	348	347	346	350	371	360	363	367	368	381	383	375	*	385	*	372	363	362	*	360	366	362	18
358	359	359	363	369	374	373	377	374	367	373	387	396	402	408	398	400	388	379	376	373	373	365	19
366	364	366	367	371	375	378	375	375	382	377	379	377	381	377	381	382	380	373	375	376	377	375	20
373	375	373	361	374	373	382	353	341	352	383	383	377	370	366	365	360	358	359	354	354	352	349	21
343	340	340	334	331	337	335	331	337	335	332	340	336	341	345	347	336	332	330	326	326	325	327	22
326	327	329	324	331	320	308	308	313	305	306	303	313	316	327	326	332	320	303	314	313	311	313	23
315	319	328	341	340	350	353	352	370	367	367	396	376	386	390	397	387	402	391	381	382	379	339	24
316	296	287	292	306	327	332	330	306	301	325	349	352	388	377	330	363	357	360	352	336	301	298	25
291	293	309	313	320	340	342	346	350	375	384	391	385	394	384	348	375	378	376	375	370	370	354	26
357	334	338	338	336	320	322	321	331	322	339	332	325	328	333	348	352	344	346	339	321	310	310	27
309	306	316	341	347	367	378	372	390	412	418	460	485	498	450	440	387	379	402	343	340	331	326	28
326	346	356	373	385	406	431	417	410	421	433	427	446	447	439	433	428	414	413	413	413	404	405	29
439	436	423	417	417	430	412	374	359	362	377	386	358	351	349	348	364	369	361	365	359	365	358	30
319	300	304	320	349	379	370	350	361	362	360	371	374	386	384	380	370	369	377	387	403	409	408	31

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT. 50° 9′ N LONG 5° 4′ W

BAROMETER.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	29.353	29.281	29.223	29.173	29.145	29.143	29.143	29.153	29.171	29.183	29.198	29.208	29.224
2	·376	·380	·396	·412	·424	·448	·462	·488	·498	·504	·526	·532	·524
3	·374	·324	·262	·204	·186	·189	·198	·226	·238	·277	·306	·336	·348
4	·488	·494	·504	·514	·528	·564	·586	·608	·630	·656	·676	·686	·694
5	·785	·791	·788	·789	·801	·805	·811	·816	·824	·831	·841	·846	·846
6	·829	·825	·822	·809	·804	·814	·814	·816	·814	·820	·824	·824	·815
7	·673	·650	·630	·622	·614	·616	·616	·618	·616	·607	·608	·600	·591
8	·456	·434	·407	·388	·366	·350	·345	·342	·332	·322	·324	·320	·330
9	·420	·431	·482	·436	·457	·473	·482	·502	·509	·531	·556	·575	·578
10	·660	·660	·671	·679	·695	·713	·730	·753	·771	·785	·804	·809	·814
11	·863	·865	·865	·861	·860	·865	·861	·867	·864	·865	·864	·852	·834
12	·696	·678	·655	·632	·612	·586	·570	·551	·526	·495	·457	·418	·401
13	·257	·246	·230	·230	·236	·233	·235	·246	·263	·281	·288	·308	·316
14	·430	·435	·430	·443	·446	·453	·466	·468	·470	·473	·487	·484	·491
15	·581	·582	·589	·595	·612	·640	·645	·657	·665	·679	·693	·699	·702
16	·665	·655	·644	·627	·607	·596	·584	·581	·566	·563	·557	·534	·529
17	·470	·467	·469	·472	·497	·511	·524	·536	·536	·574	·586	·595	·610
18	·756	·767	·756	·764	·778	·786	·796	·805	·812	·816	·811	·815	·817
19	·803	·805	·797	·791	·795	·791	·798	·796	·803	·798	·800	·799	·794
20	·548	·482	·436	·397	·382	·370	·356	·360	·347	·350	·376	·388	·392
21	·549	·542	·544	·548	·549	·552	·549	·544	·562	·556	·564	·556	·562
22	·602	·602	·603	·604	·604	·612	·638	·656	·658	·674	·693	·708	·716
23	·831	·838	·852	·858	·870	·881	·884	·902	·916	·922	·926	·930	·935
24	·895	·890	·876	·868	·876	·895	·908	·935	·940	·956	·971	·977	·978
25	·985	·975	·967	·953	·959	·965	·964	·966	·965	·963	·950	·957	·944
26	·844	·841	·814	·795	·787	·784	·779	·775	·761	·756	·752	·751	·741
27	·826	·838	·844	·858	·864	·881	·891	·908	·924	·931	·941	·943	·941
28	·942	·942	·938	·934	·938	·947	·954	·963	·972	·984	·992	·989	·984
29	·911	·892	·868	·852	·841	·826	·816	·812	·800	·792	·784	·775	·757
30	·737	·738	·727	·725	·721	·726	·739	·741	·745	·759	·758	·756	·756
31	29.666	29.650	29.628	29.614	29.600	29.598	29.594	29.590	29.594	29.604	29.598	29.590	29.594

DRY BULB THERMOMETER ... 11 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	MEAN
1	54.5	54.9	56.4	66.9	57.4	56.2	54.5	55.8	58.2	58.4	58.7	59.6	58.3	58.4	68.7	58.0	57.4	56.0	55.0	52.6	52.2	51.8	62.7	61.3	56.
2	51.7	52.0	52.2	51.4	52.5	53.7	55.7	56.9	59.0	57.8	57.4	57.4	57.8	57.8	57.9	56.0	56.0	54.7	54.4	53.6	53.7	52.7	51.4	51.6	54.
3	57.8	57.7	52.2	52.5	55.5	55.7	56.0	55.3	54.4	56.7	54.6	55.6	57.0	57.6	58.6	58.3	57.4	55.9	55.4	54.0	53.2	62.0	52.0	51.7	54.
4	52.0	52.5	52.3	51.4	52.0	53.0	55.4	56.3	56.4	57.2	59.0	59.0	59.0	59.0	58.4	58.5	57.5	56.7	55.5	53.9	53.6	52.9	52.4	52.7	55.
5	52.8	53.0	52.4	51.5	57.6	52.8	54.9	55.3	56.3	58.1	57.5	58.2	60.0	60.8	59.8	59.6	58.4	58.0	56.9	56.3	56.0	56.0	56.0	56.2	56.
6	55.9	55.6	55.6	55.3	55.6	55.0	55.5	56.2	59.0	59.6	61.8	61.5	61.0	59.7	60.3	60.0	60.0	57.0	56.0	55.9	56.0	56.0	56.2	56.4	57.
7	56.2	56.2	56.1	56.0	53.9	56.0	56.2	56.6	57.3	57.7	58.5	60.6	60.0	59.2	60.9	59.9	59.0	57.5	56.4	54.5	54.6	53.8	53.7	53.3	56.
8	53.8	54.2	54.3	53.6	54.0	54.2	54.6	54.7	54.5	53.9	56.7	58.0	59.0	60.1	58.7	58.1	56.6	56.4	55.7	55.1	54.3	53.7	53.9	53.4	55.
9	53.6	53.0	53.1	53.2	53.6	53.6	54.9	55.6	57.2	56.8	58.0	58.6	59.5	59.6	58.7	58.5	58.1	56.6	55.7	54.7	54.3	53.9	53.9	53.4	55.
10	53.3	53.5	53.4	53.3	53.3	53.4	54.2	55.4	56.7	57.2	57.6	59.0	60.5	60.3	59.7	58.9	54.5	58.9	57.0	55.3	54.7	54.8	54.2	54.0	56.
11	54.0	53.9	53.0	52.2	52.9	53.4	56.7	57.0	59.7	59.6	60.0	60.8	61.5	59.0	56.9	55.3	55.0	57.2	57.0	55.5	54.7	54.5	54.8	54.6	56.
12	54.4	53.4	54.0	53.9	53.9	54.0	53.7	54.3	53.4	53.2	53.9	57.1	60.0	60.1	59.2	58.0	57.8	56.0	55.9	55.0	54.3	53.7	53.9	53.6	55.
13	53.5	53.4	53.3	53.5	53.3	55.3	55.6	56.3	59.0	58.7	60.7	58.0	58.2	56.0	56.0	56.2	56.8	56.2	55.0	55.2	54.8	54.5	53.9	53.7	55.
14	53.9	53.3	53.3	52.6	52.5	52.7	53.8	54.3	55.4	54.9	56.0	54.7	64.8	55.0	55.0	54.7	54.4	55.5	55.3	55.2	55.1	55.0	63.7	53.2	54.
15	53.7	53.7	53.4	53.5	53.8	54.0	54.2	56.0	56.6	58.5	60.3	61.4	62.2	63.2	62.0	62.7	62.2	61.2	58.0	56.9	55.5	55.0	54.7	54.6	57.
16	54.7	54.6	54.3	54.0	54.2	54.2	54.3	55.0	54.9	53.7	53.9	53.7	54.3	54.4	54.7	54.8	55.3	55.2	55.0	54.9	55.0	55.2	55.0	55.6	54.
17	56.0	56.0	55.7	55.6	55.7	56.3	56.9	58.2	61.0	60.9	62.2	61.5	61.6	63.4	60.6	61.6	61.0	60.5	59.5	59.7	59.3	58.6	58.4	58.0	59.
18	58.0	67.3	66.5	56.7	57.4	57.1	59.9	61.0	64.5	64.0	67.0	66.2	68.2	65.6	66.8	66.3	65.3	65.8	65.0	61.9	59.4	57.6	57.7	57.6	61.
19	57.1	56.9	57.1	57.3	58.0	58.6	58.7	59.7	60.4	58.5	59.0	59.0	58.5	58.0	58.8	57.4	57.7	57.7	57.6	57.4	57.5	57.1	57.0	55.2	57.
20	56.7	57.3	58.1	58.0	57.9	57.7	57.6	57.9	58.0	58.2	60.0	59.6	59.4	59.3	60.0	59.3	59.0	58.5	57.3	56.2	55.6	55.2	54.6	54.1	57.
21	54.1	52.0	54.0	54.0	54.1	53.9	54.0	53.9	54.7	55.9	56.8	58.0	58.1	59.9	59.0	58.1	57.5	56.7	56.5	56.3	56.0	55.7	55.5	55.4	55.
22	66.3	55.2	54.4	54.6	55.0	55.2	55.8	56.5	57.4	57.8	59.4	59.6	60.4	60.5	60.2	59.2	59.0	58.4	57.8	56.4	56.9	56.0	56.9	55.3	57.
23	55.0	54.7	54.9	53.0	54.9	55.0	55.8	57.4	57.5	58.5	60.8	62.0	62.8	62.7	63.0	62.4	62.4	59.7	58.2	57.4	56.9	56.6	56.3	56.2	58.
24	56.6	56.8	56.9	56.5	57.2	56.4	55.9	56.3	59.0	60.0	60.9	61.2	61.6	61.2	63.1	61.9	61.7	60.4	58.9	57.0	54.9	53.7	53.4	53.4	58.
25	52.9	52.6	53.4	53.9	53.4	54.1	55.3	57.0	56.0	58.7	60.0	61.5	61.4	62.8	62.8	62.0	61.5	59.5	58.2	56.6	56.0	53.4	54.8	54.0	57.
26	53.9	53.6	54.1	54.4	54.5	54.5	54.5	56.7	58.3	59.3	61.0	61.0	60.0	57.8	55.9	55.8	56.2	55.9	55.7	55.3	55.9	55.5	54.4	53.8	56.
27	53.7	53.9	55.3	55.4	55.4	55.2	56.0	57.9	59.3	61.6	60.4	61.7	62.9	62.6	62.8	62.5	61.1	60.1	59.3	58.0	57.3	57.5	57.5	57.5	58.
28	57.6	57.6	57.7	57.7	57.7	57.9	58.6	59.3	60.1	61.6	64.4	66.0	67.0	67.0	65.9	66.3	65.8	64.3	63.9	59.3	60.3	60.4	69.0	58.3	61.
29	58.1	58.0	58.0	58.0	57.2	55.9	56.5	57.2	58.4	59.9	60.0	60.9	64.1	63.4	63.1	63.1	63.6	63.2	63.4	61.3	60.0	58.6	56.7	57.2	59.
30	58.3	58.7	59.0	59.3	59.2	58.5	58.4	58.9	60.0	60.8	63.5	62.2	63.0	62.5	64.3	63.3	60.3	58.2	58.0	57.5	57.4	58.5	58.5	58.6	59.
31	58.6	58.5	58.1	57.6	57.6	57.7	57.7	58.0	58.4	60.0	61.7	62.6	64.0	63.4	65.5	64.1	62.0	61.5	59.9	58.6	58.5	59.2	59.7	60.0	60.

* Record defective or Instrument out of action. † Reading of Standard. ‡ Approximate.

HOURLY VALUES JULY 1870.

CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
9 22.5	29.228	29.240	29.258	29.272	29.295	29.312	29.326	29.340	29.354	29.374	29.243	1
526	.524	.519	.514	.512	.504	.489	.480	.466	.441	.406	29.473	2
368	.388	.391	.402	.416	.438	.448	.461	.468	.480	.483	29.342	3
711	.709	.715	.729	.735	.743	.757	.765	.773	.769	.781	29.659	4
842	.839	.837	.836	.834	.836	.839	.849	.857	.848	.844	29.826	5
812	.800	.788	.778	.762	.744	.735	.733	.720	.700	.696	29.788	6
593	.584	.576	.565	.557	.550	.544	.540	.518	.500	.478	29.586	7
335	.345	.357	.359	.364	.375	.379	.392	.391	.397	.414	29.368	8
583	.588	.597	.605	.619	.631	.638	.651	.657	.657	.658	29.553	9
630	.834	.843	.843	.844	.853	.859	.861	.869	.865	.859	29.788	10
820	.806	.786	.760	.742	.741	.735	.740	.736	.724	.715	29.812	11
376	.372	.350	.346	.330	.313	.298	.290	.258	.258	.257	29.447	12
324	.333	.342	.345	.352	.363	.380	.396	.415	.422	.428	29.311	13
495	.497	.498	.499	.507	.525	.532	.551	.571	.569	.581	29.492	14
705	.707	.706	.706	.707	.709	.721	.722	.728	.716	.687	29.673	15
.511	.487	.479	.467	.459	.461	.467	.464	.461	.463	.465	29.537	16
.618	.642	.650	.664	.686	.696	.700	.722	.736	.738	.761	29.603	17
.819	.821	.822	.820	.821	.819	.823	.827	.828	.830	.817	29.805	18
.786	.767	.749	.736	.710	.694	.673	.679	.672	.640	.602	29.753	19
.404	.426	.424	.440	.461	.468	.489	.511	.514	.539	.532	29.434	20
.568	.569	.576	.586	.589	.589	.592	.608	.604	.607	.609	29.569	21
.731	.731	.732	.738	.752	.760	.778	.816	.808	.822	.822	29.703	22
.938	.935	.935	.928	.930	.931	.935	29.940	29.930	29.916	29.906	29.907	23
.981	.985	.987	.995	.992	.991	.993	30.002	30.006	30.005	30.001	29.954	24
.944	.931	.920	.915	.907	.902	.895	29.897	29.887	29.871	29.860	29.935	25
.744	.738	.726	.728	.726	.742	.761	.779	.794	.802	.817	29.772	26
.950	.946	.946	.941	.942	.946	.941	.944	.941	.947	.948	29.916	27
.976	.974	.968	.962	.946	.938	.942	.948	.944	.936	.922	29.956	28
.747	.743	.732	.731	.734	.734	.739	.767	.759	.764	.766	29.789	29
.766	.746	.741	.740	.736	.718	.730	.716	.706	.694	.680	29.733	30
.592	29.598	29.584	29.585	29.582	29.588	29.577	29.575	29.572	29.560	29.560	29.596	31

WET BULB THERMOMETER ... 11 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
50.3	50.0	56.4	57.0	55.9	53.8	54.3	55.0	55.6	56.1	55.4	55.4	54.8	55.2	53.7	52.5	51.3	50.6	50.3	49.7	49.0	50.2	49.1	53.6	1
49.7	49.9	49.8	50.3	50.9	52.2	52.7	54.0	53.1	53.4	54.3	54.0	54.0	53.3	52.6	52.6	52.6	51.5	51.3	51.9	51.3	50.8	50.4	51.9	2
47.0	47.5	47.9	55.0	55.3	53.4	54.3	52.5	53.2	52.5	53.0	52.4	52.9	53.5	52.9	52.5	52.0	51.3	50.5	50.4	49.7	49.8	50.0	52.3	3
53.3	49.9	50.0	50.2	50.4	52.3	52.9	52.8	53.0	54.2	54.2	54.0	53.6	53.4	52.5	52.2	51.7	51.2	50.3	50.6	50.0	49.8	50.3	51.7	4
50.6	50.4	49.4	49.7	50.4	51.4	51.6	51.2	51.4	52.6	52.7	54.0	54.2	53.8	54.1	54.0	53.9	54.2	53.6	53.9	53.9	54.3	54.4	52.5	5
54.7	54.8	54.8	54.5	54.8	53.7	53.6	53.7	54.6	55.3	56.4	56.2	57.0	56.4	56.3	56.5	57.0	56.5	55.3	55.2	55.2	55.3	55.4	56.3	6
53.4	53.5	55.5	55.5	55.5	55.9	56.2	56.8	57.3	57.8	57.3	57.0	56.0	56.0	56.4	55.0	52.8	52.3	51.3	51.9	51.1	51.7	51.3	54.8	7
51.9	51.8	51.3	52.0	51.8	52.4	53.2	53.2	54.2	54.7	55.0	54.0	54.2	53.4	53.2	53.1	52.9	52.6	52.0	51.5	51.2	51.4	50.4	52.7	8
50.7	50.6	50.7	50.7	51.0	52.0	52.1	53.0	52.3	53.2	53.6	53.7	†54.0	54.0	†54.0	54.0	----	*	----	----	†51.8	51.7	51.5	52.3	9
51.0	----	*	----	*	----	†52.1	53.2	53.0	53.0	53.8	55.4	55.7	57.8	57.8	58.2	57.3	55.2	53.4	52.6	52.6	52.4	52.0	53.3	10
52.2	51.4	50.4	51.3	51.6	52.9	52.8	54.7	54.4	54.6	†55.2	55.7	56.1	54.7	54.3	54.4	56.5	56.5	54.0	52.7	52.9	53.3	53.4	53.6	11
52.1	52.7	52.6	52.4	52.4	52.7	53.2	52.6	52.4	53.3	56.5	58.5	57.2	56.6	56.9	54.6	54.5	54.3	53.5	53.3	53.2	53.3	52.5	53.9	12
52.2	52.2	52.7	52.3	53.8	54.0	54.7	55.7	54.9	56.6	56.2	56.0	54.6	54.6	54.9	55.0	54.4	54.0	53.8	53.7	53.2	53.0	52.7	54.1	13
52.4	52.6	51.9	51.5	51.4	52.0	52.4	53.0	52.0	52.2	52.5	52.7	52.6	53.8	53.3	53.8	54.1	54.0	53.9	53.9	53.9	53.2	52.5	52.9	14
52.5	52.1	52.2	52.5	52.5	53.0	54.4	54.5	55.0	56.0	56.7	57.2	57.5	*	†57.0	*	†57.2	53.8	53.0	54.2	53.5	53.6	53.2	54.7	15
53.2	53.1	52.8	52.3	53.0	52.7	53.0	53.4	52.9	53.5	53.2	53.8	53.9	54.3	54.5	54.9	55.0	54.8	54.6	54.7	54.7	54.7	55.3	53.8	16
55.8	55.4	55.3	55.4	56.0	56.3	57.3	58.6	58.3	59.1	58.8	58.7	60.3	58.5	60.2	59.5	58.6	58.1	58.4	58.3	57.5	57.0	56.5	57.7	17
56.2	55.5	56.6	56.3	55.9	58.0	59.0	61.1	60.7	63.2	62.3	63.3	61.9	63.0	63.3	61.4	61.9	61.6	59.6	57.9	56.6	56.9	56.4	59.3	18
55.4	56.3	56.5	56.7	57.3	57.0	56.8	57.0	56.0	56.2	55.9	55.7	55.4	56.5	56.2	57.0	57.1	57.0	57.0	57.2	56.8	56.6	54.7	56.5	19
56.4	57.7	57.7	57.7	57.5	57.3	57.3	56.7	56.6	56.6	53.3	----	*	----	†56.6	*	64.8	54.0	53.4	*	†62.2	51.6	51.4	55.6	20
51.6	51.7	51.2	51.4	51.4	51.7	51.9	52.6	53.1	53.7	54.2	54.7	56.9	58.4	54.8	64.3	54.0	54.0	63.9	53.6	53.3	53.3	53.3	53.2	21
53.2	53.2	53.2	53.3	53.3	53.3	53.8	54.2	54.2	53.9	56.4	56.3	56.4	56.0	55.0	55.5	53.0	54.7	54.3	54.7	54.0	54.1	54.0	54.4	22
63.6	53.7	54.0	53.8	53.8	54.0	54.1	54.0	54.6	56.9	56.6	57.2	56.7	57.5	56.5	55.0	56.0	55.7	55.4	55.2	55.2	55.7	55.7	55.2	23
66.4	56.8	56.5	56.9	56.0	54.6	54.9	55.9	55.9	56.7	54.9	55.6	55.2	56.7	55.7	56.0	55.3	54.6	53.7	52.6	52.1	52.0	52.3	55.1	24
51.6	52.6	53.0	52.3	53.1	54.0	55.0	54.6	56.0	55.0	55.6	54.7	55.2	55.0	56.4	56.3	55.4	55.2	54.7	54.0	53.6	53.4	52.7	54.2	25
52.4	52.9	53.4	53.9	53.4	53.2	53.9	55.5	55.7	56.5	56.2	55.5	54.5	54.8	54.9	55.1	54.9	54.7	54.5	54.9	54.4	53.6	52.8	54.3	26
53.9	53.4	53.3	53.5	54.6	55.1	55.6	55.1	56.2	55.9	56.5	56.1	56.2	57.1	58.3	57.7	56.8	55.4	56.4	56.6	57.0	57.3	55.6	56.1	27
57.4	57.5	57.5	57.6	57.9	58.4	58.9	59.4	60.0	61.9	62.4	62.7	62.8	62.3	62.9	62.4	61.7	61.6	58.3	59.3	59.3	58.2	57.2	59.8	28
57.4	57.4	57.4	56.7	55.6	55.9	56.6	57.7	58.4	58.4	58.9	60.4	60.0	60.2	60.0	60.5	60.4	59.8	59.5	58.5	57.4	55.3	56.9	58.2	29
58.0	58.6	58.9	58.8	58.0	57.4	57.3	57.4	57.0	58.4	58.3	59.2	58.9	60.0	58.7	58.6	56.7	56.6	56.3	56.7	57.9	58.1	58.2	58.0	30
57.9	57.9	57.3	57.3	57.4	57.6	57.5	58.1	59.5	60.3	60.3	61.0	61.0	62.3	61.4	60.4	59.6	59.3	58.2	58.0	58.6	59.3	59.4	59.1	31

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT. 50° 9' N. LONG: 5° 4' W.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	16	34	16	35	18	39	18	37	18	30	24	22	25	15	24	19	24	21	23	22	23	23	22	28	22	27
2	24	23	24	25	26	21	25	23	24	23	25	25	25	28	25	29	24	27	23	23	23	28	22	26	23	25
3	20	9·5	18	6·5	17	6·5	13	6·5	22	25	22	20	22	19	28	14	30	24	28	20	28	19	27	18	26	20
4	24	19	26	23	25	22	25	24	26	23	26	23	26	27	26	28	26	30	26	30	26	30	25	32	26	31
5	25	19	26	16	26	18	25	18	25	13	26	16	26	20	26	19	26	19	25	20	26	25	25	22	25	26
6	25	10·5	25	7·5	25	7·5	24	7·5	25	16	25	19	25	19	25	23	25	23	26	20	26	23	24	21	23	17
7	22	28	22	33	22	31	22	27	22	29	22	24	22	22	23	18	23	17	23	17	24	16	24	20	23	17
8	21	24	21	26	21	29	22	24	21	31	21	32	21	32	21	32	22	34	22	31	21	37	22	34	24	30
9	26	32	25	29	25	30	25	34	25	34	25	34	25	35	26	34	26	37	26	34	26	38	26	32	26	34
10	26	23	27	21	27	20	27	21	27	20	28	17	28	20	28	19	28	20	28	20	27	24	27	19	28	21
11	25	20	25	15	26	13	26	13	26	12	24	11	25	10·5	24	8·5	22	11	22	11	22	15	19	12	16	14
12	22	11	22	12	22	12	22	9·5	22	6·5	19	7·6	16	11	17	16	16	18	14	18	13	19	18	20	20	24
13	22	22	22	25	22	25	24	22	24	14	24	15	24	13	28	13	28	16	28	17	26	20	26	19	26	19
14	28	13	28	14	27	12	28	14	27	14	26	15	26	17	26	18	26	19	26	20	26	24	26	20	26	22
15	27	15	27	15	28	18	27	15	27	15	27	8·5	28	8·5	27	10·5	28	9·5	28	12	29	13	27	10·5	28	11
16	18	7·5	16	11	16	12	17	13	15	18	14	21	14	25	14	25	14	29	14	26	13	30	13	30	13	29
17	16	4	18	4	18	3	18	2	18	2	18	3	18	3	31	4·5	2	4·5	29	6·5	31	7·5	12	5·5	14	8·
18	29	7·5	29	4	29	5·5	29	6·5	29	4·5	29	3	29	2	29	3	14	4·5	14	4·5	14	7·5	15	9·5	15	6·
19	25	3	25	3	25	3	25	2	25	3	25	2	25	4·5	25	8·5	21	10·5	22	11	20	13	20	17	20	18
20	18	19	18	25	20	32	21	35	22	35	22	29	22	30	24	29	24	34	25	42	25	45	25	47	25	47
21	25	27	26	26	26	26	25	27	25	27	25	30	25	30	26	30	26	28	26	32	26	32	26	35	26	33
22	27	27	26	27	27	30	28	28	28	27	29	27	28	27	28	29	28	33	29	32	28	35	28	33	28	30
23	28	15	28	10·5	28	7·5	27	9·5	27	8·5	28	10·5	28	12	28	11	28	14	28	12	26	13	26	16	26	13
24	20	19	21	18	22	20	23	18	24	16	26	14	26	17	26	15	26	14	27	15	28	16	28	16	28	13
25	23	11	23	12	23	12	23	10·5	23	9·5	23	10·5	22	11	22	11	23	10·5	23	8·5	26	8·5	25	11	28	9·
26	22	5·5	22	5·5	22	4	17	5·5	17	7·5	17	6·5	19	4·5	18	10·5	17	12	16	15	14	15	15	12	15	11
27	29	8·5	29	5·5	26	7·5	26	7·5	26	6·5	23	6·5	23	6·5	24	9·5	22	12	22	15	20	18	22	18	21	18
28	21	25	21	22	21	20	21	17	21	18	21	17	21	16	21	14	21	16	21	16	19	9·5	20	11	20	11
29	17	4	17	3	17	4·5	13	5·5	11	7·5	10	9·5	10	7·5	10	9·5	11	9·5	10	10·5	9	11	9	8·5	8	8·
30	17	6·5	18	8·5	21	13	21	16	21	9·5	27	5·5	27	7·5	27	8·5	28	6·5	28	4·5	31	6·5	32	4·5	32	6·
31	17	18	17	17	17	18	16	23	16	24	16	21	16	23	16	22	17	22	18	26	18	22	18	27	19	23

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 187 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	145	185	170	200	170	170	105	010	.	.	.	.	010	020	010	.	.	.	.	035	.	005	005	065
2	.	.	.	.									015	010	.	.	055	.	045	005	.	010	095	105	030
3	060	080	090	...	Total for six hours 220																			
4	010	.	.	025																				
5	.	.	.	.																				
6	.	010	010	010	005	.	.	.	.	.	.	.	.	.	.	.	005	005	040	.	.	.	.	.
7	005	065	045	015	010	025	.	010	.	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	080	005	.	.	.	.	.	.	.	015	.	.	005	.	.	.
9	006	.	.	.	005	005	.	.	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	005	.	.	005	015	010	010	015	.	.	.	.	.	.
12	.	.	.	.	.	.	.	020	040	080	050	045	005	.	.	006	.	005	.	.	005	035	015	006
13	.	.	080	015	.	.	.	.	.	.	.	005	.	015	030	.	.	.	.	010	005	.	015	.
14	020	.	030	020	.	.	.	.	.	.	.	.	005	005	005	005	020	005	.	.	.	005	025	025
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	045	060	100	040	055	055	070	070	040	030	005	050	086	040	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	005	035	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	005	.	.	.	005	010	020	.	010	.	005	045	015
20	115	225	225	120	080	020	.	015	006	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21	.	.	.	.	.	.	005	005	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	005	006	.	.	.	.	.	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	010	.
24	010	005	.	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	045	.	.	.	.	.	.	.	.	.	.	.	010	.	.	.
26	.	.	.	025	005	.	005	005	005	.	.	.	.	.	.	045	.	.	005	020	.	.	.	.
27	.	005	005	005	005	.	005	.	005	.	005	.	.	.	.	.	.	.	.	.	005	010	.	.
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	.	.	.	.	.	005	.	.	005	005	.	.	.	.	.	.
30	.	.	.	.	010	.	.	.	.	.	.	.	.	.	.	.	050	010	015	.	020	010	005	.
31	010	030	050	060	020	030	020	010	010	.	.	005	.	005	.	.	.	010	060	085	010	.	.	005

*Hand written or Instrument at fraction †Obtained from reading of Standard. ◆Approximate

HOURLY VALUES JULY 1879.

AND VELOCITY IN MILES PER HOUR.

2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS
	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
24	26	24	26	25	29	25	33	25	30	24	26	24	24	24	19	24	22	24	20	25	22	1
3	25	23	25	22	24	22	23	22	22	22	23	22	22	21	25	23	18	20	12	21	12	2
2	23	26	23	26	28	26	26	25	24	25	25	25	22	25	18	24	18	25	18	24	16	3
5	34	26	30	26	29	26	33	25	32	26	27	25	24	25	20	26	23	25	20	25	22	4
5	26	26	20	26	21	25	20	25	17	26	13	25	12	26	10.5	25	10.5	24	8.5	24	7.5	5
3	17	24	22	24	19	22	22	22	26	22	31	22	31	22	32	22	29	22	30	22	30	6
1	21	22	22	22	20	24	22	24	19	22	20	22	14	22	15	21	17	21	19	21	21	7
4	33	24	28	24	31	24	29	24	28	24	26	24	22	24	29	24	28	24	28	25	26	8
6	34	26	38	26	35	26	30	26	32	26	28	26	27	26	23	26	25	26	23	27	24	9
8	23	28	20	28	20	27	20	27	19	27	16	26	15	25	19	26	18	26	20	26	18	10
5	13	17	12	15	13	13	8.5	24	9.5	26	13	25	13	24	11	24	7.5	23	9.5	23	12	11
0	24	20	25	20	23	20	22	20	19	19	19	19	20	19	23	20	27	22	27	23	21	12
5	21	26	21	25	19	26	17	26	18	26	16	27	15	27	15	28	15	28	13	28	12	13
3	21	26	22	26	19	27	18	27	18	28	17	27	15	27	14	27	12	28	13	28	11	14
8	12	26	11	26	9.5	26	8.5	26	9.5	22	10.5	23	8.5	23	7.5	22	5.5	22	4	18	6.5	15
3	29	13	29	14	22	14	18	15	12	16	11	16	8.5	16	6.5	16	5.5	16	2	16	3	16
6	7.5	1	4	29	4	29	4.5	29	9.5	30	7.5	29	7.5	29	9.5	29	8.5	29	5.5	29	7.5	17
5	4	26	8.5	26	5.5	6	5.5	7	3	7	4	7	7.5	26	5.5	25	7.5	25	4.5	25	2	18
7	18	18	19	18	20	19	20	20	24	20	21	20	17	21	18	21	16	20	18	19	14	19
5	49	25	44	25	46	26	44	25	35	25	36	26	36	26	34	26	33	26	26	25	23	20
6	32	26	32	26	33	26	35	26	30	26	29	26	31	26	27	26	28	27	26	27	26	21
8	32	28	30	28	30	28	30	28	32	28	31	28	19	27	17	28	24	28	17	28	17	22
5	13	27	10.5	26	14	26	12	22	16	22	11	24	7.5	19	8.5	22	22	21	24	20	18	23
	15	27	13	26	14	26	14	26	14	26	12	25	7.5	24	8.5	24	8.5	24	11	24	11	24
	11	27	7.5	23	8.5	24	6.5	23	10.5	23	6.5	23	4.5	22	5.5	22	4	22	4.5	22	5.5	25
3	8.5	15	9.5	15	9.5	14	7.5	13	6.5	11	5.5	7	5.5	4	4.5	4	4.5	30	8.5	30	7.5	26
2	19	21	18	21	19	20	19	20	20	19	15	20	23	20	25	21	27	21	26	21	27	27
0	12	19	10.5	21	11	20	12	20	12	16	8.5	16	8.5	17	6.5	18	3	18	4.5	17	4.5	28
9	8.5	13	6.5	12	6.5	14	5.5	15	4	15	4.5	31	4.5	25	4.6	26	4	24	4.5	23	5.6	29
8	5.5	19	5.5	19	6.5	18	7.6	18	4.5	13	6.5	13	6.5	13	7.6	16	12	16	16	17	16	30
7	20	19	18	18	18	18	19	18	14	17	17	16	13	16	14	17	18	18	17	20	18	31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
41	414	443	448	459	443	405	402	390	404	414	384	400	383	389	360	335	324	316	336	325	313	331	322	1
12	328	330	331	337	336	348	345	354	347	357	381	369	369	351	353	355	366	343	349	361	359	351	350	2
59	365	372	378	426	432	431	408	369	360	367	369	337	344	347	336	335	341	329	322	330	328	330	339	3
13	337	329	343	340	345	353	369	354	348	359	354	354	342	347	325	328	324	326	318	329	323	325	334	4
18	337	340	327	333	335	336	337	318	304	337	323	344	341	341	351	362	365	384	377	388	388	399	399	5
12	410	419	414	419	395	387	380	370	381	383	383	410	410	405	409	423	420	428	426	425	425	425	425	6
28	428	433	434	435	434	443	446	455	464	469	424	423	405	384	380	380	342	342	337	351	340	356	357	7
3	356	352	347	360	353	364	386	388	398	401	393	354	348	344	346	360	367	358	348	344	343	346	337	8
39	340	336	337	332	339	350	347	349	337	347	349	342	348	368	368	366	---	---	---	---	355	353	355	9
23	341	---	---	---	---	---	347	360	349	346	349	374	384	451	463	467	447	411	383	369	367	369	360	10
76	367	358	342	356	358	353	346	365	358	357	363	371	410	412	408	415	447	420	397	371	379	386	392	11
73	371	380	378	373	371	384	390	385	388	399	449	469	428	422	418	385	405	400	389	393	399	399	380	12
79	374	379	387	379	394	396	407	399	381	403	427	418	408	408	413	408	399	403	395	398	388	390	384	13
90	382	387	377	368	362	363	367	371	350	345	366	370	365	397	387	405	400	399	398	399	400	399	386	14
90	379	371	373	377	374	385	402	397	387	391	398	402	399	*	388	*	414	415	406	403	389	396	386	15
66	386	387	368	366	365	376	375	387	390	405	399	408	409	417	421	426	430	427	423	424	421	424	434	16
40	443	435	434	435	445	445	457	458	450	456	467	453	478	461	500	487	465	463	470	473	458	445	436	17
36	434	427	427	438	430	454	470	488	483	522	503	508	499	518	536	487	496	497	477	458	445	452	438	18
33	433	442	446	442	451	441	421	418	414	413	404	406	404	425	435	456	458	458	459	464	458	453	421	19
48	458	472	473	474	471	466	461	442	407	409	381	---	*	---	422	*	382	374	372	*	352	343	343	20
59	350	362	339	343	345	352	358	369	369	372	372	384	393	391	387	380	381	384	384	381	376	376	379	21
78	379	389	386	383	381	375	379	379	374	399	384	398	400	393	378	394	388	387	393	398	391	381	399	22
00	396	396	403	399	397	393	376	372	374	410	388	395	383	401	381	343	399	410	412	412	417	436	437	23
49	449	461	457	459	443	409	412	404	392	408	354	364	361	378	366	375	373	371	369	366	367	368	377	24
75	369	385	390	377	390	399	405	408	411	369	368	347	344	339	383	386	385	396	403	383	388	389	380	25
76	377	384	394	408	393	388	378	403	395	397	388	382	382	414	419	419	417	415	414	417	409	400	385	26
84	390	396	382	379	387	408	397	393	354	393	373	350	368	368	413	447	443	426	410	462	446	458	467	27
66	469	471	471	474	480	486	493	497	493	516	509	505	509	507	522	519	511	510	473	491	489	474	453	28
62	463	463	463	463	438	439	450	467	467	466	469	472	469	479	473	482	484	463	483	479	454	418	428	29
86	472	487	493	490	475	457	447	435	413	420	433	449	447	457	431	468	439	436	437	450	472	478	480	30
73	472	472	466	466	467	471	467	478	502	502	489	492	500	513	504	500	483	497	480	475	484	500	505	31

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT. 53° 51′ N LONG 2° 28′ W

BAROMETER.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	29.383	29.279	29.203	29.145	29.069	28.999	28.937	28.877	28.833	28.795	28.783	28.773	28.775
2	28.663	28.669	28.699	28.746	28.793	28.825	28.853	28.891	28.925	28.963	28.990	29.004	29.012
3	29.026	29.020	29.014	29.008	29.010	29.010	29.007	29.012	29.014	29.017	29.016	.016	.012
4	.040	.036	.030	.039	.046	.066	.080	.106	.116	.144	.165	.183	.203
5	.321	.331	.326	.337	.341	.351	.365	.369	.373	.389	.396	.403	.417
6	.485	.487	.483	.492	.495	.507	.515	.521	.519	.519	.517	.515	.511
7	.259	29.231	29.209	29.195	29.199	29.215	29.217	29.231	29.235	29.231	29.233	29.231	29.219
8	29.006	28.985	28.951	28.927	28.901	28.893	28.871	28.861	28.849	28.843	28.839	28.835	28.826
9	28.841	28.847	28.851	28.857	28.871	28.881	28.895	28.907	28.927	28.949	28.957	28.983	29.006
10	29.227	29.241	29.255	29.267	29.291	29.315	29.336	29.361	29.375	29.385	29.396	29.406	.418
11	.514	.520	.516	.526	.530	.534	.542	.546	.546	.550	.556	.558	.558
12	.492	.472	.460	.440	.480	.416	.406	.398	.380	.367	.351	.335	.325
13	.159	.147	.137	.121	.117	.115	.113	.105	.105	.107	.106	.107	.103
14	.103	.103	.101	.115	.126	.137	.147	.162	.171	.167	.177	.177	.178
15	.337	.345	.355	.370	.383	.401	.417	.425	.489	.463	.464	.486	.490
16	.538	.532	.524	.518	.522	.522	.522	.522	.518	.510	.504	.496	.486
17	.462	.460	.453	.464	.470	.476	.480	.490	.496	.508	.513	.517	.515
18	.623	.625	.627	.631	.639	.645	.651	.657	.661	.655	.654	.646	.641
19	.602	.592	.578	.564	.564	.560	.554	.548	29.542	29.536	29.532	29.535	29.580
20	29.298	29.263	29.232	29.193	29.153	.114	.056	.008	28.960	28.898	28.851	28.809	28.809
21	28.957	28.955	28.955	28.969	28.987	.003	.009	.026	29.031	29.045	29.056	29.074	29.090
22	29.168	29.190	29.194	29.219	29.244	.264	.290	.304	.316	.334	.339	.359	.381
23	.547	.559	.563	.573	.582	.594	.595	.607	.619	.627	.634	.642	.646
24	.604	.598	.570	.568	.560	.554	.556	.562	.564	.590	.608	.624	.630
25	.648	.648	.642	.642	.644	.642	.644	.648	.646	.654	.652	.650	.648
26	.614	.596	.582	.574	.576	.570	.570	.566	.560	.550	.543	.540	.523
27	.541	.541	.546	.553	.563	.573	.585	.606	.609	.627	.636	.639	.647
28	.641	.627	.613	.621	.623	.623	.627	.643	.649	.657	.657	.657	.665
29	.683	.675	.669	.665	.661	.655	.654	.649	.640	.633	.624	.604	.594
30	.493	.488	.474	.486	.492	.494	.504	.510	.510	.522	.537	.583	.531
31	29.511	29.497	29.483	29.478	29.471	29.469	29.457	29.451	29.447	29.438	29.431	29.429	29.415

DRY BULB THERMOMETER ..... 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	MEANS
1	53.1	53.0	52.0	52.0	51.4	51.8	53.0	53.8	55.7	56.1	57.6	57.4	58.3	56.5	56.1	58.6	55.3	55.0	54.0	52.1	50.1	49.9	48.9	48.0	53.6
2	48.0	49.8	50.0	50.0	50.1	49.9	50.2	50.3	51.0	51.7	52.7	53.5	57.0	58.1	57.2	55.4	54.5	53.7	53.0	52.4	51.9	51.1	51.0	51.0	52.2
3	51.0	50.5	50.0	49.8	50.0	50.5	50.9	52.1	56.0	54.7	58.5	56.9	58.0	58.1	59.0	57.9	57.3	56.8	56.0	53.9	52.8	51.5	51.5	52.4	53.9
4	51.1	51.1	51.0	50.0	50.0	50.5	50.6	51.1	53.1	52.9	53.1	55.0	53.4	53.0	52.9	53.9	53.3	52.9	51.9	51.7	51.4	51.0	51.0	51.0	52.0
5	50.1	50.0	50.0	49.9	50.0	50.6	51.0	51.5	51.9	51.1	52.7	53.0	52.5	53.0	53.0	53.5	53.4	53.0	53.0	51.8	51.3	51.1	51.1	50.2	51.6
6	50.7	50.1	50.0	50.0	51.5	53.1	53.2	52.5	53.7	54.5	56.0	57.3	57.0	56.0	55.0	55.8	55.5	54.0	53.8	54.0	54.8	55.3	55.4	55.0	53.9
7	55.0	54.9	54.9	55.0	54.9	54.9	55.5	55.0	55.0	55.6	55.9	56.3	57.5	58.6	57.2	59.0	59.4	58.0	55.5	54.0	53.5	53.1	52.7	52.0	55.6
8	52.0	51.8	51.0	50.8	51.0	51.1	52.0	53.2	55.0	55.8	57.6	57.5	58.9	55.9	57.1	56.2	53.4	53.0	54.0	52.3	51.9	51.8	51.9	51.4	53.6
9	51.5	51.3	51.5	51.2	51.0	51.8	51.8	52.0	53.2	53.8	56.2	55.0	56.0	57.3	54.0	54.1	50.8	51.9	53.6	53.1	53.2	53.0	52.9	52.0	53.0
10	50.3	49.3	52.0	51.9	52.5	53.9	54.1	54.4	57.0	58.7	57.5	57.9	59.0	58.0	58.4	57.8	57.0	54.7	53.7	52.0	50.4	49.8	49.2	47.5	54.1
11	46.5	45.6	47.0	46.9	47.9	51.0	50.4	51.1	52.1	53.4	53.2	53.1	54.0	56.0	57.1	56.1	56.0	55.0	55.1	51.5	49.0	47.9	47.5	46.1	51.3
12	46.2	46.6	46.6	46.1	46.5	47.8	49.2	50.5	52.9	55.2	57.0	57.0	56.1	56.0	55.9	54.9	54.3	53.1	52.7	53.1	53.0	53.0	52.9	52.6	52.1
13	52.3	52.5	52.4	52.3	52.8	53.1	53.9	54.8	56.0	54.5	56.1	55.0	56.0	56.0	57.0	61.0	60.0	59.2	58.2	57.8	56.1	54.9	54.0	53.0	55.3
14	53.3	53.0	53.0	52.9	52.9	52.9	53.2	53.9	54.4	57.8	59.3	58.4	59.0	60.6	62.1	62.1	61.7	62.0	60.2	59.0	55.1	53.6	52.9	52.5	56.6
15	52.7	52.9	52.1	52.9	52.5	53.0	53.9	54.0	55.0	55.1	55.3	55.4	56.5	56.8	56.4	57.3	57.1	56.9	55.9	53.4	53.4	52.9	52.1	51.1	54.6
16	50.9	51.0	50.6	50.0	49.9	49.9	51.0	51.5	53.2	55.9	56.7	59.8	61.1	59.9	58.7	58.0	57.2	57.2	56.6	56.6	54.8	54.3	54.4	53.8	54.7
17	53.8	52.8	51.3	51.2	51.3	52.1	53.9	54.2	55.1	57.3	59.0	61.2	64.4	64.1	63.0	62.1	61.0	59.6	58.2	57.8	57.4	56.9	56.4	56.0	57.1
18	53.3	54.7	54.1	53.5	53.0	53.1	54.0	56.0	58.0	59.6	62.4	65.0	64.1	65.3	66.0	65.9	65.3	63.0	61.4	60.9	60.2	60.0	59.5	59.7	59.6
19	58.2	58.0	58.0	58.0	58.1	58.1	59.0	59.3	60.4	61.3	59.5	58.0	59.8	59.1	58.3	60.5	60.1	60.4	59.0	58.6	58.2	57.2	56.1	55.6	58.7
20	56.2	56.0	56.0	56.0	56.0	56.1	56.4	57.2	57.0	57.2	57.9	57.7	55.8	55.7	56.0	54.9	56.7	57.2	57.1	57.1	57.2	56.6	56.0	53.8	56.3
21	53.0	52.9	52.1	52.5	53.0	53.6	56.1	57.0	57.8	57.8	58.3	57.5	59.2	60.1	60.6	60.1	58.7	58.5	57.1	56.2	56.1	55.4	56.0	54.7	56.4
22	52.9	52.9	53.0	52.8	52.9	53.0	53.6	53.4	56.0	56.2	56.3	56.6	56.2	56.0	56.7	56.1	55.7	55.7	56.9	56.5	55.8	55.1	54.4	53.9	55.1
23	53.4	53.4	53.2	53.0	52.8	52.6	52.9	53.0	53.4	52.4	54.5	54.2	54.1	54.3	54.1	54.0	54.6	53.8	53.2	51.8	49.9	50.2	50.1	51.2	53.1
24	51.7	51.5	51.2	52.1	52.0	52.4	53.2	55.0	56.2	57.2	59.0	59.0	60.0	60.3	60.1	60.1	60.4	60.0	58.2	56.6	53.8	53.6	53.8	53.4	55.9
25	53.4	52.7	52.0	50.5	51.6	52.9	55.2	55.6	56.2	56.7	57.0	57.9	59.4	60.0	60.2	60.1	59.4	58.8	57.1	56.1	55.3	54.0	54.7	54.7	55.9
26	54.3	54.0	53.1	53.0	53.0	52.7	52.6	52.8	52.5	54.1	54.7	55.4	58.9	58.3	57.2	56.8	56.5	56.7	56.0	54.4	52.1	52.0	52.3	52.5	54.4
27	52.8	52.2	53.0	52.9	53.2	54.0	55.2	56.0	58.3	58.9	59.0	60.7	60.2	59.4	60.5	59.2	58.5	58.5	58.1	57.0	56.1	55.6	54.5	54.0	56.1
28	54.3	54.4	54.9	55.0	55.1	56.9	58.8	59.2	60.8	63.9	65.3	68.9	67.2	68.0	67.8	68.0	68.4	67.0	66.0	64.0	63.7	63.0	62.0	60.0	62.2
29	59.0	57.1	58.0	56.5	55.8	61.1	62.2	66.0	65.4	65.9	68.2	70.0	68.1	68.2	69.7	70.1	69.3	68.4	68.0	66.9	65.5	66.0	63.5	60.0	64.1
30	59.1	59.6	58.6	57.2	56.0	58.2	58.0	58.0	59.2	61.7	63.2	63.6	64.7	64.2	64.9	62.4	62.0	60.9	59.0	57.2	56.5	56.1	55.5	53.4	59.7
31	55.0	55.4	56.1	56.0	55.4	56.9	57.2	58.0	58.6	59.5	61.0	61.0	62.6	63.2	64.9	65.9	65.3	65.9	64.8	63.7	63.2	62.7	62.0	61.2	60.2

* Record defective or Instrument out of action † Reading of Standard ‡ Approximate.

HOURLY VALUES JULY 1879.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
28.785	28.789	28.784	28.785	28.778	28.765	28.767	28.755	28.789	28.719	28.708	28.882	1
29.010	29.020	29.026	29.034	29.032	29.034	29.036	29.040	29.040	29.032	29.032	28.932	2
.018	.010	.006	.006	.012	.008	.012	.024	.030	.038	.038	29.016	3
.209	.221	.239	.256	.273	.285	.287	.299	.311	.306	.309	29.177	4
.425	.431	.427	.433	.446	.455	.461	.471	.485	.481	.491	29.406	5
.509	.493	.475	.451	.436	.409	.379	.363	.339	.305	.279	29.459	6
29.221	29.201	29.171	29.149	29.137	29.121	29.111	29.101	29.077	29.059	29.036	29.178	7
28.819	28.807	28.799	28.793	28.785	28.793	28.803	28.813	28.825	28.829	28.837	28.864	8
29.017	29.049	29.063	29.085	29.097	29.105	29.139	29.153	29.179	29.199	29.217	29.003	9
.428	.484	.438	.454	.472	.478	.490	.494	.500	.508	.514	29.395	10
.552	.552	.560	.548	.538	.532	.524	.526	.526	.522	.506	29.536	11
.305	.296	.275	.257	.247	.241	.227	.215	.195	.187	.175	29.329	12
.103	.085	.075	.067	.069	.075	.081	.091	.101	.097	.101	29.104	13
.181	.183	.189	.197	.205	.219	.251	.279	.311	.323	.329	29.189	14
.500	.504	.506	.504	.510	.518	.526	.532	.538	.538	.538	29.462	15
.474	.474	.474	.470	.460	.460	.460	.464	.468	.462	.464	29.494	16
.579	.579	.529	.541	.556	.575	.589	.599	.605	.605	.615	29.523	17
.646	.640	.632	.626	.630	.628	.628	.632	.628	.628	.620	29.687	18
29.516	29.512	29.490	29.474	29.456	29.442	29.418	29.406	29.394	29.366	29.336	29.502	19
28.797	28.801	28.801	28.801	28.837	28.865	28.889	28.925	28.945	28.957	28.956	28.967	20
29.095	29.105	29.114	29.124	29.128	29.126	29.128	29.136	29.138	29.152	29.164	29.065	21
.401	.417	.433	.451	.465	.479	.506	.528	.531	.539	.543	29.370	22
.648	.650	.652	.648	.646	.642	.648	.646	.644	.630	.614	29.619	23
.644	.642	.644	.644	.646	.648	.648	.655	.660	.662	.658	29.614	24
.645	.642	.686	.626	.636	.632	.634	.632	.626	.624	.612	29.640	25
.515	.509	.513	.510	.516	.514	.526	.533	.539	.541	.543	29.547	26
.656	.669	.663	.655	.663	.653	.659	.663	.662	.656	.641	29.621	27
.667	.669	.665	.665	.665	.671	.681	.687	.692	.691	.691	29.656	28
.583	.554	.536	.520	.510	.510	.506	.500	.492	.498	.506	29.588	29
.639	.639	.643	.643	.639	.647	.645	.649	.644	.638	.627	29.522	30
29.395	29.379	29.361	29.355	29.349	29.349	29.361	29.353	29.351	29.339	29.339	29.412	31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	MEANS	DAYS
51.2	50.9	50.0	50.0	49.7	50.3	51.6	52.5	54.2	55.0	56.4	55.1	55.8	52.9	51.4	51.1	51.2	51.5	50.2	50.0	49.0	48.5	47.4	47.2	51.3	1
47.7	49.2	49.3	49.4	49.2	48.9	49.0	49.0	48.9	48.9	49.2	49.2	51.5	52.8	52.1	51.2	50.0	50.0	50.0	49.6	49.8	49.0	49.4	49.2	49.7	2
49.6	49.1	48.9	48.3	48.9	49.0	49.1	49.5	51.4	51.0	53.2	50.4	51.9	51.0	52.1	50.9	51.1	51.3	51.6	50.9	50.1	50.1	50.0	49.3	50.4	3
49.7	49.6	49.5	48.9	49.1	49.4	49.8	50.2	51.5	51.2	50.9	51.8	51.1	51.1	51.1	51.2	51.0	51.0	50.4	50.2	50.3	50.1	50.0	49.5	50.4	4
49.9	48.8	48.1	48.1	48.1	48.2	48.4	48.6	48.9	48.7	49.2	49.6	50.2	50.1	50.0	50.0	50.0	50.0	50.1	49.9	49.9	50.0	49.0	49.0	49.2	5
49.0	48.0	48.2	48.2	49.1	50.7	50.9	50.5	50.5	50.4	51.5	52.2	51.5	51.2	52.7	52.7	53.0	53.0	53.2	53.4	54.0	55.0	55.0	54.5	51.6	6
51.7	54.8	54.6	54.8	54.2	53.6	53.2	52.0	51.0	50.9	50.5	50.0	51.3	51.0	50.9	50.6	51.3	51.7	50.2	49.8	50.1	49.9	50.0	50.0	51.7	7
51.0	50.1	50.0	50.0	50.2	50.5	51.3	52.5	52.5	52.9	52.8	52.1	53.0	52.2	52.2	52.4	51.9	51.4	51.9	51.1	50.9	50.9	50.8	50.3	51.4	8
49.3	50.3	50.3	50.1	50.0	50.3	50.7	50.8	51.9	52.0	53.6	52.2	53.0	54.0	52.6	53.0	48.4	50.0	52.2	52.0	52.1	50.8	50.1	49.7	51.3	9
49.3	48.0	49.9	49.7	50.5	50.5	50.0	60.0	51.0	55.1	53.2	53.7	54.3	54.0	54.3	53.5	52.9	50.1	49.4	48.5	47.8	46.9	46.9	46.0	50.0	10
47.0	44.3	45.0	46.0	45.8	47.3	46.8	47.5	48.0	47.9	48.9	48.2	49.1	50.9	51.8	51.0	51.0	50.5	50.0	48.2	47.0	46.1	46.0	46.0	47.8	11
45.0	45.0	46.1	46.0	45.3	46.1	47.3	48.0	49.9	51.0	51.9	51.9	51.9	51.9	52.4	52.2	51.9	51.9	51.4	51.0	51.1	51.1	51.4	51.7	51.5	49.6	12
51.8	51.7	51.4	51.3	51.9	52.0	52.2	53.0	53.0	52.9	54.2	53.6	54.0	53.9	54.8	57.0	55.9	55.2	56.0	55.0	54.1	53.5	53.0	52.1	53.4	13
52.2	52.0	51.9	51.8	51.7	51.5	52.2	52.7	52.1	53.9	55.0	55.0	56.1	56.1	55.8	56.4	57.0	56.9	56.7	55.3	52.8	51.3	50.7	50.2	53.6	14
50.7	50.0	50.6	50.3	50.1	50.2	50.8	50.9	52.0	52.0	51.9	52.0	52.8	52.9	53.0	53.0	53.3	53.0	52.8	50.9	51.0	50.6	50.0	48.6	51.4	15
45.2	48.2	48.0	47.0	46.2	46.0	47.0	48.0	50.1	51.1	52.0	54.2	55.4	54.6	54.0	54.1	54.0	53.7	53.3	53.3	52.8	52.9	52.5	51.9	51.2	16
51.3	51.0	50.4	50.4	50.6	51.0	52.2	52.9	53.1	54.9	56.5	57.4	59.2	59.0	59.0	58.2	57.2	56.6	55.9	55.2	55.0	54.8	54.8	54.3	54.6	17
53.8	53.1	52.9	52.2	52.0	52.0	52.7	53.9	55.1	56.1	58.0	59.8	59.2	59.5	60.7	60.9	61.0	59.8	59.0	58.4	58.1	58.0	57.8	57.6	56.7	18
57.0	56.9	56.5	56.4	56.9	57.0	58.0	58.3	59.1	59.3	58.3	57.0	58.6	57.2	57.0	58.7	58.2	58.2	57.2	57.1	56.7	55.4	55.3	55.0	57.3	19
55.2	55.0	55.0	55.0	55.0	55.0	55.2	56.9	55.4	56.2	56.9	57.1	55.1	54.9	54.9	54.3	56.0	55.6	54.7	54.2	53.9	54.9	54.9	54.8	55.2	20
54.1	54.0	53.3	53.8	53.9	53.9	54.0	*	54.8	54.8	55.2	54.5	55.3	54.6	55.0	54.8	53.7	53.5	53.9	53.2	53.7	53.0	52.9	52.5	54.0	21
52.2	52.1	52.0	52.0	52.2	52.5	52.8	52.5	53.0	53.0	53.4	53.0	53.0	53.1	53.2	53.0	53.0	52.7	53.8	54.4	54.2	53.8	53.7	53.1	53.0	22
53.0	53.0	53.0	52.3	52.0	51.2	51.2	51.3	52.0	51.0	51.2	51.0	51.2	51.0	50.8	50.6	51.1	50.0	50.4	49.3	48.2	49.0	46.9	49.5	50.9	23
50.2	50.4	50.5	51.2	51.3	52.0	53.0	54.7	55.5	55.5	56.2	54.4	55.2	55.4	56.0	54.8	54.5	54.3	54.6	53.8	52.0	52.1	52.5	52.2	53.3	24
52.3	52.0	50.9	49.6	50.2	51.4	52.9	52.9	52.5	52.3	53.0	53.3	53.9	54.2	54.6	54.8	53.8	53.5	53.3	53.2	53.0	52.7	53.0	52.4	52.7	25
52.4	52.0	51.9	51.2	51.5	51.5	51.8	51.9	52.0	53.0	53.3	52.1	55.1	54.8	54.0	53.6	53.8	54.0	53.5	52.5	50.7	50.6	51.0	51.3	52.6	26
47.8	51.5	52.1	52.1	52.8	53.4	54.2	54.0	55.5	55.9	56.4	55.8	55.3	54.8	54.2	54.0	54.0	54.8	54.6	54.3	53.9	53.9	52.9	52.9	53.9	27
53.0	53.1	54.0	54.5	54.9	56.1	58.0	58.3	59.4	61.4	61.8	62.6	60.9	61.7	61.0	61.3	61.8	61.0	60.5	59.8	59.0	58.7	57.9	56.8	58.7	28
56.5	55.4	56.2	54.9	54.2	58.1	59.0	61.0	60.2	61.2	61.9	61.7	61.6	62.3	63.3	63.5	63.7	63.8	64.0	63.7	63.4	62.8	61.8	58.6	60.5	29
57.8	58.3	57.3	55.6	56.0	56.8	56.8	57.2	57.8	59.1	58.3	58.1	58.7	57.4	57.8	55.9	55.8	55.2	54.4	53.9	53.8	53.8	52.8	53.7	56.3	30
53.1	53.1	53.8	53.8	54.3	55.6	56.1	56.7	57.7	58.6	59.5	59.6	60.3	60.8	61.5	61.8	61.6	61.0	61.0	60.2	59.9	59.8	59.3	58.8	58.2	31

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT. 53° 51' N. LONG: 2° 28' W.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	11	15	10	11	8	13	9	17	9	20	10	18	10	21	11	23	13	22	14	17	15	21	18	17	18	19
2	18	30	19	29	21	31	21	31	21	30	21	29	21	30	21	30	21	29	21	31	21	30	20	27	20	31
3	19	13	20	13	20	15	19	9.5	19	10.5	18	12	18	12	20	15	19	18	21	16	21	19	21	20	20	19
4	20	13	20	15	20	17	22	21	21	15	21	16	22	17	22	17	22	20	22	24	22	28	22	25	22	26
5	23	18	23	18	23	21	22	17	23	16	23	20	23	19	23	20	23	21	23	22	24	22	23	20	23	18
6	24	13	24	13	24	12	25	10.5	24	6.5	19	7.5	21	9.5	20	6.5	22	9.5	20	8.5	20	9.5	21	9.5	23	9.
7	18	14	18	12	20	14	21	18	22	20	23	19	24	19	22	16	22	18	21	22	21	21	22	22	20	19
8	17	12	18	13	18	13	17	14	18	14	17	15	18	13	17	14	20	21	20	22	20	29	20	24	18	23
9	22	23	22	21	22	20	22	20	22	17	23	17	23	16	23	20	24	20	24	23	24	27	24	28	23	24
10	24	4	24	4	25	11	26	12	25	9.5	26	8.5	28	10.5	30	10.5	29	7.5	23	13	24	16	23	14	23	18
11	20	5.5	15	6.0	22	6.5	23	5.5	21	2	22	4.5	25	6.5	25	8.5	24	9.5	25	13	23	15	24	14	25	14
12	26	3	25	2	25	3	25	2	26	4	27	4	30	4.5	1	5.5	2	5.5	4	5.5	6	7.5	8	8.5	8	8.
13	3	10.5	4	11	3	10.5	4	9.5	4	11	5	11	5	9.5	5	9.5	5	7.5	5	6.5	3	9.5	3	4	2	4.
14	1	4.5	1	5.6	1	4.5	1	5.5	2	3	1	4.5	1	7.5	1	8.5	3	7.5	2	9.5	4	4.5	1	2	30	4
15	3	4.5	2	4	4	2	30	4.5	31	5.5	32	7.5	31	5.5	29	8.5	1	6.5	2	5.5	1	7.6	2	8.5	4	9.
16	3	1.5	5	4	8	5.5	8	7.5	8	7.5	8	7.5	8	6.5	7	8.6	5	4.5	7	6.5	2	8.5	7	9.5	8	8.
17	5	8.5	5	6.5	1	6.5	2	7.5	2	5.5	3	5.5	5	6.5	5	4.5	3	5.5	2	6.6	2	6.5	2	6.5	7	9.
18	2	3	2	3	2	3	2	3	2	4	2	4.5	2	4	2	2	2	3	1	3	4	4	6	2	7	1.
19	1	2	5	2	7	1.5	3	2	4	1.5	11	4.5	14	6.5	15	4	16	7.5	18	6.5	21	7.5	20	5.5	19	3
20	17	3	15	9.6	14	9.5	18	12	13	7.5	9	4	10	6.5	9	6.6	6	6.5	8	6.5	8	4.5	8	5.5	20	16
21	25	14	25	22	25	23	25	19	25	14	25	15	26	15	27	15	27	14	27	17	27	16	29	15	29	10
22	30	19	28	13	29	21	28	18	28	9.5	27	5.5	27	5.6	30	7.5	29	3	29	8.5	28	6.5	27	7.5	28	8.
23	21	2	21	2	20	6.5	20	7.5	21	10.5	21	10.5	21	11	21	10.5	22	17	22	17	22	16	22	16	21	15
24	23	2	23	2	23	3	23	2	23	1.6	23	1.5	23	1.5	21	6.5	24	16	24	19	24	23	23	17	23	19
25	20	6.5	20	4.6	20	4.5	20	5.5	20	5.5	20	5.5	20	9.5	20	12	21	13	20	15	20	14	21	14	21	16
26	21	3	21	3	21	1.5	21	2	21	2	21	1.5	21	1.5	21	2	20	3	20	3	20	2	20	4	20	5.
27	20	2	20	3	20	5.5	20	4.5	20	5.6	20	5.5	20	4.5	21	7.5	19	9.5	21	13	23	11	21	13	22	11
28	19	2	19	1.5	19	4	19	3	19	3	19	5.5	19	6.5	20	6.5	19	6.5	19	7.5	19	10.5	21	23	20	18
29	19	4	19	2	19	2	19	2	19	2	19	3	20	2	16	7.5	16	13	16	10.5	17	16	16	18	16	14
30	21	2	21	2	23	1.5	23	1.5	21	5.5	21	7.5	20	5.5	20	5.5	20	6.5	22	8.5	22	11	23	10.5	23	11
31	26	3	27	4	30	4.5	31	3	31	3	31	2	8	2	8	4	8	1.5	8	6.5	14	12	14	10.6	15	12

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	040	036	050	054	058	132	048	100	072	074	020	006	006	.	.	.	.	.	.	006	058	082	022	085
2	155	220	260	050	030	030	020	010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	005	020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	004	005
4	.	.	001	068	025	005	010	039	002	010	.	.	.	020	025	010	.	004	020	022	090	042	043	004
5	020	.	.	.	.	.	.	005	010	006	.	040	042	054	009	.	.	.	.	.	.	050	070	018
6	002	.	.	.	.	001	003	.	001	.	.	.	.	..	018	002	..	010	032	010	047	070	056	050
7	105	040	140	052	002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	005	040	030	035	070	083	074	030	038	010	.	.	.	028	.	001	025	005	.	022	019	030	019	001
9	009	010	002	024	005	.	030	064	010	024	.	.	.	.	060	028	080	042	.	.	006	002	.	.
10	.	001	001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	001	001	.	.
11	.	.	.	001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	001	.	.	.	008	001
13	.	.	.	.	004	005	001	.	001	010	035	003	.	.	011	001	.	.	.	.	010	030	019	.
14	.	.	.	.	.	.	028	083	004	003	.	010	.	005	001	.	001	001	.	.	.	.	.	.
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	022	018	002	.	.	.	002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	004	001	003	003	001	001	001	.	.	.	210	.	009	013	008	.	.	001	.	.	010	076	020
20	003	.	.	002	001	010	020	.	053	070	.	230	170	078	.	.	016	.	.	.	.	003	002	004
21	001	.	005	009	002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	020	030	015	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	005	014	001	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.	.	.	005	005	040	095	033	014	007	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.	.	005	055	105	125	150	030	040	023	005	.	.	.	001	.	.	.	.	001	.	.
27	.	025	005	002	002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.	.	010	060	194	011	004	001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	145	002	001	001
30	001	.	.	.	002	.	.	003	003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	009	022	094	037	041	021	.	070	080	.	.	.	.	.	.	.	.	.	.	.

*Record deficient or Instrument out of action. Obtained from reading of Standard. ◊ Approximate

HOURLY VALUES JULY 1879.

AND VELOCITY IN MILES PER HOUR.

2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
8	20	18	22	19	20	18	17	18	19	18	20	19	14	17	19	17	20	17	24	17	24	1
0	34	20	28	20	24	20	24	20	23	20	16	19	13	19	15	19	13	18	14	19	14	2
2	19	21	20	21	16	22	23	21	18	20	14	20	15	21	13	20	12	20	12	20	13	3
2	21	23	20	22	19	21	17	21	17	21	15	21	15	22	15	22	15	21	18	23	17	4
2	20	22	20	23	20	23	19	23	19	22	18	21	15	23	14	24	16	25	18	24	14	5
1	7.5	21	5.5	21	4.5	21	3	19	4.5	16	3	16	4.5	16	4.5	17	9.5	18	9.5	18	12	6
0	20	20	21	20	18	20	16	19	17	19	16	19	13	18	15	18	13	18	12	18	10.5	7
8	21	19	22	20	20	19	23	19	23	20	21	20	24	21	19	20	22	21	23	21	21	8
3	26	24	20	24	21	26	11	24	13	25	15	25	13	25	11	25	9.5	26	8.5	27	4.5	9
4	20	24	24	24	26	24	25	25	23	25	22	25	13	24	10.5	24	13	24	10.5	17	5.5	10
3	16	23	16	23	14	23	12	23	9.5	24	7.5	24	4.5	24	4.5	24	4	25	3	25	2	11
6	4	8	11	7	8.5	5	7.5	3	6.5	2	10.5	3	8.5	3	10.5	4	12	3	11	2	10.5	12
2	4.5	2	8.5	2	7.5	2	7.5	3	6.5	3	4.5	2	3	7	3	5	4	2	4.5	1	5.5	13
0	7.5	4	4	5	3	30	2	32	4	4	3	4	9.5	2	6.5	3	8.5	2	8.5	3	9.5	14
5	5.5	7	4.5	6	4	4	3	6	2	5	3	3	3	3	1.6	3	2	3	3	3	3	15
8	7.5	8	6.5	6	6.5	5	7.5	8	7.5	6	8.5	6	4.5	2	4	4	4.5	7	9.5	5	6.5	16
3	8.5	3	8.5	2	9.5	3	5.5	2	5.5	2	5.5	2	4	2	2	2	2	2	2	2	2	17
7	2	4	1.5	4	2	4	3	1	4	1	4	1	3	1	2	1	1.5	1	2	1	1.5	18
2	3	22	2	17	3	17	4	17	2	17	5.5	18	2	17	4	17	9.5	15	5.5	14	7.5	19
2	12	20	6.5	20	5.5	21	6.5	26	13	28	13	26	21	26	19	25	15	25	13	25	15	20
8	10.5	28	15	27	18	27	19	27	19	26	14	25	16	27	20	28	18	27	17	28	18	21
8	9.5	29	7.5	30	4.5	28	9.5	29	7.5	30	4	22	3	20	3	24	1.5	21	4	21	4.5	22
2	14	22	13	21	10.5	23	10.5	23	9.5	22	6.5	23	1.5	23	2	23	2	23	1.5	23	1.5	23
2	17	22	19	22	18	22	20	22	17	20	11	20	7.5	20	7.5	20	7.5	21	7.5	20	6.5	24
1	16	21	14	22	13	21	13	22	10.5	22	7.5	22	4	22	3	22	2	22	4	21	4	25
0	6.5	21	8.5	22	7.5	22	4.5	22	5.5	20	4	20	3	20	3	20	1.5	20	1.5	20	1.5	26
1	10.5	22	13	22	12	22	8.5	21	4	21	2	21	3	19	5.5	20	4.5	19	4	19	2	27
0	19	20	21	20	19	20	20	19	14	19	6.5	15	7.5	19	5.5	19	4.5	19	5.5	18	5.5	28
5	14	14	17	14	18	15	13	15	9.5	15	4.5	15	4	15	9.5	21	4.5	21	4	21	2	29
2	9.5	23	8.5	23	10.5	23	4.5	20	6.5	20	5.5	20	3	19	2	19	2	19	3	19	1.5	30
6	11	14	14	14	18	15	9.5	15	12	16	13	16	11	16	9.5	17	11	15	13	15	13	31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
26	345	335	335	336	341	363	377	401	418	438	403	411	356	325	322	328	337	315	334	333	323	309	314	1
27	342	342	345	338	333	332	331	321	312	307	298	316	336	327	327	306	314	322	320	331	322	333	328	2
38	332	332	320	332	329	327	322	326	328	341	292	316	295	310	295	304	314	331	333	328	345	342	335	3
40	337	336	332	337	339	348	352	360	353	344	344	345	350	351	340	343	348	346	344	351	351	348	336	4
31	329	312	313	312	308	309	307	309	315	307	313	334	325	322	316	317	322	325	336	342	347	322	332	5
26	308	314	314	320	339	342	342	326	316	329	329	316	322	367	360	370	388	397	406	406	429	427	418	6
24	429	423	427	411	393	376	349	325	318	307	291	307	291	300	†279	289	311	303	306	319	319	326	335	7
35	341	348	351	353	360	369	386	362	365	341	325	331	346	331	347	365	358	357	360	359	361	357	357	8
50	352	350	348	348	346	356	366	368	363	378	†354	365	374	377	387	311	386	372	373	374	342	326	328	9
39	318	333	329	342	328	309	303	304	387	352	361	362	367	370	357	349	308	300	299	300	286	294	292	10
04	276	275	276	282	283	278	287	286	271	295	280	290	315	321	316	317	314	301	298	298	288	292	286	11
86	280	282	286	288	290	303	304	321	323	325	325	337	350	346	348	354	357	351	349	350	358	367	367	12
74	373	366	365	374	373	367	378	375	379	396	392	391	388	399	410	392	383	390	395	393	390	388	377	13
76	374	371	370	367	362	377	381	359	367	377	388	410	391	386	382	402	396	412	388	369	349	341	334	14
44	323	347	331	382	327	330	332	349	348	344	345	353	352	359	348	358	352	361	340	342	338	334	310	15
06	304	303	286	270	266	276	293	322	320	331	351	367	360	358	370	375	367	365	377	372	381	369	360	16
46	350	354	355	360	360	367	382	377	348	422	420	432	430	443	432	416	417	415	401	400	400	407	399	17
94	382	384	373	374	373	380	388	396	403	422	441	436	429	455	462	474	468	457	453	453	453	454	446	18
48	448	436	433	447	450	467	473	482	476	470	451	475	441	447	468	458	453	442	445	439	414	427	425	19
22	419	419	419	419	418	419	428	431	437	449	458	425	420	416	414	439	417	396	382	372	408	416	416	20
06	405	396	405	400	393	390	*	390	390	395	386	386	358	362	363	351	349	373	367	382	371	372	366	21
53	353	349	351	355	362	364	358	365	362	†371	†367	362	368	373	364	368	361	373	395	399	396	403	393	22
97	397	400	383	377	358	363	355	345	330	335	332	338	331	328	324	332	312	330	321	315	332	331	333	23
44	352	358	365	369	382	400	424	431	417	386	364	374	376	368	357	353	352	380	378	363	369	377	374	24
77	378	358	344	345	359	370	367	350	351	351	351	348	349	355	363	345	345	368	369	372	380	379	363	25
67	360	370	352	361	365	375	374	381	357	387	401	384	354	376	370	379	381	378	369	352	351	357	362	26
72	372	377	378	394	400	407	391	403	405	391	382	375	371	344	352	361	382	382	385	387	393	379	385	27
84	386	405	418	429	439	470	474	486	507	500	476	448	461	443	450	459	453	458	455	435	434	424	417	28
22	416	427	409	399	441	453	464	441	471	464	438	457	476	489	491	505	517	534	541	551	537	526	472	29
60	469	451	420	421	442	445	457	458	463	421	410	414	385	387	366	367	374	364	372	379	385	365	390	30
78	374	385	386	400	421	434	442	464	480	487	490	489	497	496	491	493	465	481	471	468	472	466	461	31

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT. 51° 28′ N LONG 0° 19′ W

BAROMETER.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.797	29.749	29.709	29.651	29.607	29.545	29.503	29.463	29.421	29.392	29.369	29.346	29.
2	.412	.414	.420	.486	.459	.484	.505	.536	.552	.562	.574	.580	.
3	.576	.663	.536	.546	.514	.509	.503	.475	.440	.424	.400	.375	.
4	.533	.532	.555	.265	.572	.589	.594	.605	.621	.631	.646	.658	.
5	.782	.790	.757	.795	.807	.812	.821	.830	.842	.845	.854	.852	.
6	.911	.912	.911	.915	.922	.931	.938	.944	.941	.935	.937	.929	.
7	.796	.772	.749	.720	.703	.695	.649	.697	.695	.695	.690	.679	.
8	.541	.553	.566	.544	.621	.520	.574	.493	.483	.463	.465	.448	.
9	.419	.413	.415	.419	.419	.429	.434	.440	.442	.453	.439	.478	.
10	.606	.614	.624	.642	.659	.677	.696	.724	.736	.746	.763	.787	.
11	.914	.916	.987	.927	.932	.942	.950	.958	.957	.957	.953	.957	.
12	.883	.876	.864	.835	.821	.804	.795	.774	.774	.757	.739	.731	.
13	.521	.514	.508	.497	.493	.485	.479	.481	.481	.478	.482	.475	.
14	.438	.456	.454	.455	.460	.472	.484	.495	.510	.516	.531	.529	.
15	.601	.608	.619	.637	.659	.679	.695	.716	.734	.751	.765	.783	.
16	.897	.894	.882	.880	.886	.883	.891	.894	.892	.881	.877	.873	.
17	29.789	.779	.773	.768	.769	.777	.778	.786	.787	.790	29.800	29.808	29.
18	*	29.938	29.944	.942	.968	.983	.991	.999	.996	.997	30.005	30.004	30.
19	30.021	30.013	30.001	.997	.993	.993	.992	.989	.977	.970	29.963	29.948	29.
20	29.811	29.771	29.744	.702	.679	.638	.584	.548	.496	.430	.407	.377	.
21	.365	.372	.364	.388	.396	.396	.398	.402	.402	.392	.400	.405	.
22	.431	.463	.434	.447	.470	.515	.530	.506	29.567	29.593	29.612	29.616	29.
23	29.884	29.900	29.912	29.926	29.944	29.960	29.972	29.991	30.000	30.013	30.013	30.021	30.
24	30.021	30.034	30.029	30.026	30.025	30.013	30.021	30.029	.031	.031	.035	.024	.
25	.044	.044	.046	30.069	30.089	30.089	30.094	30.099	30.097	30.091	30.077	30.070	30.
26	30.026	30.012	30.001	29.990	29.992	29.990	29.995	29.988	29.972	29.970	29.961	29.953	29.
27	29.937	29.945	29.953	29.963	29.974	29.999	30.019	30.016	30.035	30.048	30.053	30.059	30.
28	30.115	30.115	30.102	30.101	30.112	30.120	.119	.127	.136	.141	.141	.138	.
29	30.121	30.119	30.111	30.107	30.106	30.102	30.101	30.093	30.082	30.059	30.042	30.022	30.
30	29.838	29.831	29.838	29.847	29.856	29.862	29.876	29.880	29.881	29.898	29.903	29.903	29.
31	29.921	29.912	29.917	29.906	29.895	29.890	29.901	29.897	29.881	29.877	29.870	29.847	29.

DRY BULB THERMOMETER ..10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	54.0	55.0	55.9	55.9	55.0	52.9	56.0	56.5	57.0	56.6	57.0	57.5	58.7	62.0	55.3	60.0	62.0	61.0	58.8	56.0	55.4	54.0	53.0	52.0
2	51.1	51.5	51.0	51.4	52.2	53.1	53.0	53.6	57.1	58.5	58.2	58.8	60.1	62.6	61.0	56.0	53.0	57.1	56.0	54.8	53.5	52.8	52.7	52.3
3	52.3	52.2	52.0	51.7	51.1	51.2	52.6	52.1	53.5	53.8	56.0	57.0	58.2	58.7	55.5	56.9	57.1	56.2	54.4	54.1	52.9	52.1	52.0	51.0
4	50.2	50.0	49.5	49.5	49.7	50.3	51.8	56.6	56.0	57.5	55.0	58.9	60.1	61.5	61.5	62.4	58.5	59.3	57.3	53.6	54.2	53.7	52.8	53.0
5	52.8	57.5	60.4	57.0	51.7	53.0	54.7	56.2	55.3	57.2	57.2	58.0	60.0	59.5	60.7	60.3	60.0	59.0	53.0	53.0	52.7	53.0	52.1	51.9
6	51.9	51.0	52.0	49.7	50.6	52.5	52.5	56.0	57.4	58.7	59.5	60.0	61.0	60.5	58.5	57.8	58.0	57.2	58.0	57.8	57.1	57.1	57.0	56.9
7	56.3	56.0	56.0	56.0	56.6	57.0	57.3	59.0	60.6	61.1	63.7	63.3	64.2	66.9	68.0	68.2	67.1	65.0	63.2	59.7	57.5	56.6	54.4	52.0
8	50.6	51.7	51.4	51.3	53.1	54.3	55.6	57.0	57.5	58.0	58.2	57.4	57.0	57.4	59.0	59.2	59.2	58.0	56.7	55.0	55.0	54.0	53.7	53.0
9	52.9	52.9	51.5	51.9	52.2	51.9	54.8	56.6	56.7	56.8	57.0	56.0	55.1	59.3	59.2	59.1	60.0	58.2	58.0	56.5	55.3	53.6	53.1	52.1
10	52.8	53.0	53.0	53.0	53.0	53.0	53.0	56.9	58.5	60.1	60.0	61.0	61.9	62.0	62.0	63.6	61.2	60.7	58.8	57.9	55.0	53.2	51.8	50.0
11	49.0	48.1	48.1	48.2	49.2	51.7	54.0	54.9	55.5	57.8	57.1	57.2	57.0	58.6	58.5	62.2	63.1	61.7	60.2	58.1	57.1	56.9	54.7	54.4
12	53.0	53.0	53.8	53.2	53.6	54.2	56.5	57.4	58.9	58.2	60.8	59.9	59.0	59.0	58.2	58.1	58.1	55.5	55.6	56.0	55.9	56.0	56.2	56.3
13	56.0	56.3	57.6	58.6	57.3	57.6	56.0	56.5	59.0	59.1	59.5	61.9	60.2	60.8	62.1	59.7	61.0	59.0	57.5	56.0	56.0	55.8	55.0	56.3
14	55.0	56.1	54.8	54.2	54.1	54.5	55.6	55.6	55.9	56.6	57.1	59.3	57.0	61.0	61.0	61.0	58.6	56.1	55.0	55.3	55.0	55.0	55.0	54.9
15	55.0	55.0	55.0	55.0	54.5	55.5	56.5	56.9	58.5	57.2	60.4	60.0	61.9	62.4	62.2	62.0	62.9	63.0	61.5	60.0	58.0	57.0	56.4	55.0
16	55.0	54.0	53.9	53.1	53.0	53.2	54.9	55.8	57.1	60.0	63.0	63.5	65.6	67.0	65.0	62.6	62.2	61.4	60.0	58.3	57.1	57.0	56.7	56.0
17	56.1	55.7	55.0	54.6	54.5	54.6	58.3	59.5	61.2	61.2	61.5	63.6	61.6	62.3	63.0	63.5	61.4	61.0	61.2	61.0	60.3	60.0	60.0	59.0
18	* 57.2	56.1	55.0	55.0	56.0	58.0	59.0	62.0	64.6	64.0	64.5	65.1	66.1	67.0	66.1	65.6	65.3	62.5	59.0	57.9	56.8	56.1	55.8	56.0
19	55.0	54.9	55.0	52.6	52.9	53.0	57.0	60.1	62.1	65.9	67.5	68.2	61.0	62.2	63.0	67.0	63.9	62.5	61.3	60.3	59.1	57.9	57.2	56.9
20	56.1	55.9	54.1	54.0	54.0	55.9	54.0	56.9	58.0	60.3	61.3	61.3	61.8	64.4	63.2	61.2	57.8	57.0	54.4	54.8	54.0	55.5	57.2	57.0
21	57.9	57.0	56.4	55.0	54.1	55.3	55.3	54.9	55.0	55.3	56.7	57.3	58.0	58.6	59.5	59.2	57.2	56.9	57.9	58.0	57.1	53.6	55.0	55.1
22	55.2	55.2	54.9	53.3	52.9	54.0	55.9	57.1	58.6	59.0	60.8	61.1	63.0	61.0	60.6	60.3	57.3	58.2	57.5	57.0	56.5	56.2	56.0	55.9
23	56.6	55.5	56.8	55.0	56.0	56.9	62.0	56.4	57.9	58.2	59.7	60.2	61.7	63.0	66.0	67.8	69.0	69.7	65.5	62.3	61.0	58.9	55.8	54.3
24	53.2	52.9	52.1	52.1	52.1	54.0	56.7	57.8	59.0	60.2	63.0	65.9	67.8	69.9	71.0	70.3	70.5	69.1	67.9	63.2	61.0	59.0	57.0	54.8
25	53.0	52.2	50.7	49.9	50.2	52.0	55.0	57.2	60.1	62.3	62.7	60.7	59.9	62.1	66.8	63.5	63.7	60.3	58.3	57.2	55.9	54.5	53.5	53.
26	52.1	52.0	52.1	51.7	51.8	52.0	54.9	54.5	56.5	57.2	58.9	59.4	60.8	61.0	60.4	60.1	62.0	60.2	58.0	57.2	56.5	55.1	53.5	52.6
27	52.5	52.0	52.0	50.6	49.1	49.1	52.2	52.5	53.2	54.2	61.1	63.5	64.3	66.0	65.5	66.2	65.4	65.6	64.5	62.3	60.6	59.3	58.9	58.0
28	57.1	57.0	58.0	56.6	56.0	56.7	54.0	60.8	62.7	65.5	67.1	67.7	67.3	69.0	70.5	71.5	72.8	72.0	69.8	65.7	62.6	62.0	60.9	59.0
29	58.3	58.0	57.5	57.5	56.1	57.0	57.9	60.2	65.3	69.5	71.0	72.0	74.5	75.5	75.6	76.0	76.2	72.0	70.8	67.5	66.0	64.1	63.1	62.3
30	61.0	59.5	58.0	58.3	59.0	59.9	63.0	65.9	68.3	70.6	71.7	72.1	73.9	73.9	75.7	74.0	71.8	69.8	66.7	64.8	63.9	63.1	62.8	62.3
31	62.2	62.2	62.2	62.2	62.0	61.0	62.2	62.0	64.7	65.5	65.8	67.0	66.5	67.7	69.2	66.9	67.3	68.9	65.5	63.8	63.5	61.7	61.0	61.0

* Record defective or Instrument out of action † Reading at Standard ‡ Approximate.

HOURLY VALUES JULY 1879.

CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
29.323	29.323	29.316	29.320	29.326	29.342	29.358	29.376	29.391	29.396	29.410	29.419	1
.577	.584	.593	.608	.596	.598	.598	.603	.598	.598	.595	29.544	2
.377	.391	.399	.405	.425	.450	.473	.503	.520	.532	.539	29.470	3
.680	.687	.696	.720	.732	.746	.757	.777	.781	.780	.780	29.664	4
.843	.844	.845	.849	.858	.868	.884	.896	.914	.913	.907	29.845	5
.925	.925	.923	.905	.891	.885	.863	.863	.837	.832	.815	29.905	6
.648	.642	.623	.619	.618	.617	.621	.625	.630	.621	.617	29.673	7
.433	.415	.389	.389	.397	.405	.413	.420	.423	.427	.419	29.466	8
.499	.511	.516	.518	.531	.543	.564	.574	.595	.604	.608	29.490	9
.811	.824	.829	.840	.861	.866	.877	.890	.901	.907	.916	29.774	10
.953	.953	.945	.939	.935	.934	.927	.927	.915	.908	.903	29.937	11
.708	.691	.669	.648	.635	.613	.594	.577	.561	.539	.524	29.714	12
.466	.464	.456	.442	.438	.442	.458	.460	.464	.457	.458	29.473	13
.543	.544	.549	.557	.569	.573	.579	.592	.599	.603	.603	29.528	14
.803	.815	.822	.828	.836	.850	.862	.876	.887	.900	.900	29.767	15
.843	.846	.838	.835	.827	.823	.822	.821	.816	.805	.796	29.857	16
.817	29.823	.832	.848	29.859	29.874	29.890	29.903	29.911	29.915	29.928	29.826	17
30.007	30.005	.999	.997	30.002	30.008	30.021	30.035	30.037	30.039	30.025	29.995	18
.938	29.927	.922	.906	29.894	29.888	29.882	29.890	29.878	29.862	29.848	29.943	19
.314	.311	.312	.312	.304	.282	.265	.270	.295	.323	.350	29.453	20
.413	.418	.421	.427	.438	.445	.456	.462	.463	.458	.447	29.415	21
.658	29.670	29.693	29.713	29.746	29.774	29.807	29.826	29.850	29.860	29.881	29.646	22
30.029	30.025	30.019	30.013	30.009	30.008	30.015	30.024	30.033	30.034	30.029	29.992	23
.020	.019	.017	.025	.029	.045	.059	.073	.081	.091	.097	30.038	24
.069	30.061	30.048	30.046	30.040	30.037	30.041	30.048	30.048	30.043	30.034	30.070	25
.925	29.922	29.916	29.905	29.901	29.909	29.920	29.927	29.931	29.928	29.938	29.954	26
30.067	30.067	30.068	30.073	30.075	30.078	30.101	30.117	30.120	30.119	30.118	30.045	27
.135	30.130	30.124	30.119	30.114	30.113	30.127	30.137	30.136	30.133	30.127	30.125	28
29.972	29.944	29.925	29.904	29.902	29.900	29.895	29.888	29.879	29.864	29.849	30.000	29
.897	.895	.901	.903	.913	.919	.937	.932	.937	.934	.923	29.892	30
29.829	29.831	29.829	29.819	29.815	29.820	29.829	29.825	29.831	29.830	29.817	29.860	31

WET BULB THERMOMETER 10 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
53.5	54.2	54.3	53.6	53.9	55.0	56.3	55.9	55.6	56.0	56.9	57.9	59.7	60.0	57.0	57.6	56.8	55.0	53.9	53.0	52.0	50.7	49.5	54.8	1
49.0	49.0	49.1	49.9	50.1	50.6	50.9	51.1	52.4	54.0	53.4	54.3	54.4	54.1	52.7	50.5	54.1	53.0	53.0	51.9	51.2	51.1	50.9	51.7	2
51.0	50.9	51.0	50.9	51.0	52.0	53.5	52.2	53.1	55.6	56.2	56.0	55.0	54.0	55.0	54.3	54.2	52.3	52.0	51.0	50.1	50.0	49.4	52.4	3
48.8	48.2	48.3	48.5	50.6	51.5	52.0	53.3	52.4	53.0	54.0	54.5	53.7	54.0	55.2	55.2	54.1	53.7	52.8	52.0	51.3	50.9	51.0	51.9	1
50.0	49.1	49.6	50.0	50.9	50.4	51.0	51.1	51.0	52.1	52.0	52.5	51.5	52.4	52.2	51.9	52.1	52.0	51.7	51.2	51.2	50.9	50.3	51.2	5
50.0	49.1	48.8	49.3	51.1	51.4	51.4	52.4	52.9	53.5	53.0	54.5	54.0	54.8	55.9	57.0	56.8	57.1	57.0	56.9	56.8	56.3	56.5	53.6	6
55.7	55.4	55.6	56.0	56.4	56.9	57.5	58.7	59.1	60.0	59.2	60.1	60.6	61.0	59.7	59.7	58.0	57.2	55.0	54.0	53.0	50.8	49.1	56.9	7
48.6	48.6	49.0	50.1	51.0	52.0	53.1	53.5	53.9	54.2	54.6	54.6	54.8	56.0	55.0	54.5	54.6	54.5	53.1	52.8	52.0	51.7	51.0	52.6	8
52.0	50.8	51.0	50.5	50.7	52.0	52.0	53.0	54.0	52.7	52.3	53.1	52.9	*	*	52.6	53.2	52.9	51.8	52.0	51.9	51.1	50.4	51.9	9
50.9	51.0	51.0	51.0	51.1	52.4	53.0	53.6	54.3	54.1	54.9	55.2	55.3	55.1	56.0	54.5	53.9	53.0	52.4	51.5	50.1	48.9	48.0	52.6	10
46.7	47.0	47.1	48.0	49.1	49.8	49.8	50.4	51.9	51.1	51.1	50.9	51.8	52.2	53.0	54.5	54.9	55.0	54.2	54.0	54.0	52.7	52.6	51.3	11
51.7	51.8	52.0	52.7	53.0	55.0	54.0	54.0	54.1	56.0	55.9	56.0	56.0	56.1	56.0	56.0	55.0	55.0	55.4	55.3	55.6	56.0	56.1	54.6	12
51.0	51.3	51.1	52.0	53.1	55.0	56.3	57.2	56.3	57.4	57.1	56.0	56.6	57.5	56.1	58.0	57.5	55.8	54.7	54.8	54.6	54.0	54.1	55.1	13
54.0	53.6	52.2	53.0	54.0	54.3	54.1	54.1	54.0	54.1	53.7	54.6	56.1	53.9	56.0	56.0	54.2	54.9	55.0	54.8	54.7	54.9	54.8	54.6	14
54.8	54.5	54.0	54.0	54.5	54.8	54.7	56.0	55.0	56.0	55.5	56.9	56.4	57.5	56.5	57.1	56.7	56.6	56.3	55.6	55.3	54.8	53.5	55.5	15
52.9	52.6	52.3	52.1	52.3	53.3	54.0	55.8	57.2	59.1	59.8	60.9	60.5	58.5	58.6	58.4	57.0	56.1	55.9	55.0	55.0	54.6	54.2	55.8	16
53.9	53.9	53.5	53.9	55.1	56.2	57.0	58.0	57.7	58.0	59.0	58.5	58.9	59.0	59.5	58.6	58.6	58.8	58.0	58.0	58.1	58.0	57.4	57.2	17
56.0	55.0	54.0	54.0	54.5	55.9	56.4	58.6	59.4	59.7	60.0	60.6	60.9	61.0	60.5	61.0	61.0	59.0	56.0	54.6	54.9	54.7	54.2	57.4	18
53.9	53.9	53.5	53.9	54.8	55.3	57.0	59.0	61.5	62.4	63.0	60.5	61.2	61.3	61.0	62.0	60.4	60.0	59.0	58.0	56.6	55.0	55.0	58.0	19
55.0	55.4	55.5	55.5	55.2	55.7	56.3	57.2	58.8	60.0	59.3	59.6	60.0	57.0	56.0	55.4	55.0	54.9	53.6	53.0	55.1	55.2	55.2	56.3	20
54.0	53.1	52.5	52.2	52.0	52.5	52.6	53.1	53.2	54.0	54.6	55.9	56.1	56.0	56.0	55.9	55.7	55.4	55.0	54.8	54.5	54.2	54.2	54.3	21
54.0	54.0	51.7	51.9	53.0	54.1	54.2	54.7	55.0	56.1	56.0	57.0	55.8	56.0	56.0	55.2	55.0	54.6	53.5	53.9	53.9	53.3	53.2	54.4	22
52.1	53.6	53.0	53.7	54.1	54.0	54.1	54.9	55.0	55.4	56.6	57.0	58.2	60.2	60.3	61.3	62.9	62.0	60.5	59.0	56.4	54.1	52.9	56.5	23
51.9	51.0	51.0	52.0	53.2	54.7	55.2	57.1	58.0	60.1	60.5	60.0	61.4	61.5	61.0	61.0	60.1	59.6	56.4	57.6	56.6	54.7	53.1	56.7	24
51.9	50.2	49.4	50.0	51.0	53.7	53.4	54.0	55.6	57.0	56.0	55.3	56.0	56.8	56.5	55.9	57.0	56.4	54.1	55.0	54.5	53.5	53.0	54.2	25
52.0	51.7	51.0	50.9	52.0	53.3	53.1	54.5	54.9	56.1	55.9	57.4	55.9	55.8	56.0	57.2	56.0	55.6	55.0	55.1	54.5	53.1	52.3	54.2	26
50.8	49.9	49.1	49.1	51.0	53.1	54.0	55.1	56.0	57.2	57.0	58.5	57.9	55.9	58.3	58.9	58.2	58.5	56.9	56.5	56.0	55.1	55.0	55.1	27
52.6	52.5	54.6	55.0	56.0	57.2	58.7	60.0	61.9	63.1	63.0	63.8	64.9	65.1	66.0	66.6	65.0	64.8	63.0	61.4	60.3	59.9	58.3	60.6	28
56.0	57.3	57.0	56.3	56.9	57.5	59.5	63.0	65.4	65.0	66.0	69.1	69.2	65.7	68.3	68.0	67.1	66.0	64.2	63.2	62.0	61.6	61.4	62.8	29
59.0	58.1	57.8	57.5	59.0	61.1	62.4	63.8	64.2	64.0	62.9	64.0	66.0	68.0	66.5	65.3	64.8	63.0	62.1	61.7	61.2	61.0	61.0	62.3	30
61.0	61.0	61.1	61.3	61.1	61.4	62.0	63.2	64.6	64.9	65.4	64.6	64.5	65.1	63.0	60.8	62.0	61.2	60.9	60.4	59.9	59.5	59.8	62.1	31

Meteorological Office.
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT 51° 28' N. LONG: 0° 19' W.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	12	8.5	13	8.5	15	10.5	16	16	15	21	15	22	16	25	16	28	16	28	16	30	16	28	17	26	17	25
2	19	21	19	20	19	20	20	20	20	18	21	21	21	22	21	20	22	25	20	22	23	17	22	13	20	16
3	19	14	19	10.5	19	8.5	18	11	17	9.5	17	6.5	17	6.5	17	7.5	16	4.5	8	7.5	8	5.5	8	4.5	2	5.
4	21	6.5	22	7.5	20	11	21	11	21	12	20	13	21	18	20	18	22	17	22	18	22	19	24	17	22	20
5	22	9.5	23	7.5	23	9.5	23	7.5	23	8.5	23	9.5	24	14	26	16	24	15	23	16	26	16	24	16	24	14
6	23	8.5	23	5.5	23	5.5	23	5.5	23	4	23	5.5	24	7.5	25	10.5	25	9.5	22	9.5	22	7.5	23	9.5	22	10.
7	20	11	20	10.5	20	12	19	12	20	16	20	14	20	14	20	14	21	13	22	12	22	15	21	15	22	16
8	20	12	19	15	19	14	19	17	19	18	19	20	19	23	19	24	19	26	19	26	19	26	19	25	19	27
9	20	17	20	15	20	18	20	16	20	18	20	16	20	16	21	16	21	17	21	17	23	17	24	24	23	24
10	23	15	23	15	24	14	24	12	24	12	24	9.5	25	11	26	14	26	13	27	16	26	17	26	17	27	16
11	26	5.5	26	4.5	26	5.5	26	4.5	25	6.5	24	6.5	26	8.5	27	10.5	25	12	24	13	23	10.5	26	11	24	9.
12	21	5.5	21	4.5	21	5.5	16	5.5	16	4	16	5.5	13	6.5	17	15	18	13	17	13	16	14	16	14	17	13
13	19	9.5	19	6.5	18	7.5	18	5.5	18	6.5	17	8.5	17	9.5	16	11	16	14	16	15	16	15	16	19	16	18
14	18	8.5	18	8.5	18	7.5	18	10.5	18	9.5	19	8.5	20	10.5	20	7.5	21	11	22	12	21	10.5	19	15	21	12
15	21	4.5	22	4.5	28	7.5	29	8.5	29	6.5	29	7.5	29	7.5	30	9.5	28	10.5	29	11	32	12	32	9.5	29	8.
16	3	4	3	4.5	3	7.5	6	8.5	6	8.5	6	10.5	6	6.5	6	6.5	8	5.5	12	6.5	16	6.5	18	11	16	13
17	12	8.5	11	7.5	10	8.5	10	7.5	10	7.5	10	6.5	10	7.5	10	9.5	8	11	8	11	8	11	8	12	8	13
18	5	7.5	5	8.5	4	4.5	4	8.5	4	7.6	4	7.5	4	10.5	4	9.5	4	9.5	5	13	6	10.5	6	10.5	6	10.
19	9	6.5	9	4.5	9	6.5	9	4	9	5.5	9	4.5	9	5.5	9	4.5	9	4	11	4.5	12	3	18	7.5	21	6
20	18	12	17	9.5	17	13	17	16	17	14	16	14	16	17	16	20	16	22	16	25	19	24	19	23	19	23
21	24	23	23	22	24	22	23	21	23	21	23	20	23	23	24	21	23	21	23	19	24	20	24	16	24	14
22	24	15	25	14	27	9.5	30	7.5	30	4.5	25	6.5	27	11	28	14	29	17	29	17	29	16	28	18	29	16
23	29	9.5	29	7.5	28	8.5	28	6.5	28	4.5	28	5.5	28	7.5	27	8.5	27	8.5	26	7.5	26	6.5	28	5.5	23	5.
24	19	5.5	19	8.5	19	6.5	19	7.5	19	7.5	19	4.5	19	11	19	13	20	11	20	13	20	12	22	13	24	16
25	25	4.5	25	4.5	25	5.5	25	4.5	25	6.5	26	5.5	21	6.5	21	8.5	22	7.5	20	9.5	20	6.5	22	7.5	20	8.
26	20	4	20	4	20	4.5	20	4.5	20	3	20	4.5	20	5.5	20	4	20	3	20	4.5	20	2	20	4.5	18	5.
27	22	4.5	22	4	22	2	22	3	22	4	22	4	22	5.5	23	7.5	25	8.5	22	8.5	24	10.5	22	7.5	22	9.
28	20	6.5	20	8.5	20	7.5	20	7.5	20	8.5	20	8.5	20	10.5	20	10.5	20	11	20	12	20	12	19	14	19	10.
29	19	2	19	3	19	4	19	4	19	3	19	2	19	2	19	3	19	2	12	7.5	10	9.5	11	10.5	10	11
30	8	4	8	2	8	4.5	8	4	8	4	17	6.5	19	7.5	22	5.5	21	7.5	22	10.5	23	8.5	24	9.5	23	10.
31	18	4.5	18	4.5	19	7.5	19	4.5	19	4.5	18	5.5	18	5.5	18	4.5	14	6.5	12	6.5	12	6.5	13	10.5	17	9.

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	005	,	,	005	020	030	045	110	145	105	070	010	.	.	005	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	020	015	.	.	020	070	.	.	020	.	.	.	.
3	.	.	.	030	040	025	015	020	020	035	053	050	190	030	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	020	.	.	.	.	070	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	005	010	.	.	.	.	010	.	045	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	025	030	010	015	.	010	.	.	040
7	045	040	.	015	015	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	005	.	.	010	020	.	.	.	.	.
9	.	.	.	020	005	035	.	.	.	.	005	040	005	.	.	.	005	.	.	.	.	065	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	020	025	.	080	.	006	030	010	.	015
13	.	.	.	.	.	.	.	.	025	.	.	.	.	.	.	005	010	080	005	.	.	.	.	.
14	.	.	.	.	005	005	.	.	.	.	.	.	.	.	.	.	.	075	170	020	.	060	005	020
15	025	015	020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	005	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	720	015	010	005	.	.	.	.	.	.	.	.
20	.	045	005	010	.	130	160	120	040	.	.	.	.	.	.	010	010	010	015	005	045	005	010	.
21	.	.	.	.	.	.	.	.	010	005	.	.	.	.	.	.	.	015	.	.	025	040	045	050
22	.	.	025	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	010
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.	.	.	.	025	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.	.	.	.	.	.	010	.	.	.	.	.	.	.	.	.	.	.	020	.	.	.
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	.	Dew	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	010	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.	.	.	010	.	040	.	.	.	.	.	.	.	Funnel Choked						

*Record defective or Instrument out of action. †Obtained from reading of Standard. ‡Approximate

HOURLY VALUES JULY 1879.

AND VELOCITY IN MILES PER HOUR.

2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
23	23	13	20	13	20	16	19	23	19	20	20	16	19	15	19	15	19	18	19	19		1
20	20	22	20	21	21	13	20	13	19	11	20	12	19	13	19	12	19	12	19	12		2
11	28	8.5	28	6.5	26	6.5	24	6.5	24	11	23	11	22	8.5	22	9.5	22	7.5	22	9.5		3
20	24	18	22	19	23	13	23	17	22	15	22	12	22	10.5	22	10.5	22	11	22	9.5		4
20	23	18	24	20	24	16	24	15	28	9.5	24	8.5	26	6.5	23	9.5	23	6.5	22	8.5		5
9.5	23	4	23	4.5	23	6.5	19	5.5	19	4.5	19	10.5	21	8.5	19	12	19	10.5	20	11		6
16	23	17	22	20	23	17	23	13	24	12	24	8.5	24	8.5	23	11	20	14	20	9.5		7
25	18	27	18	28	20	25	21	18	19	19	20	13	20	16	20	20	19	17	20	19		8
27	24	20	22	18	23	23	22	14	23	16	23	15	22	11	24	11	23	13	23	11		9
16	26	13	26	14	26	14	26	12	26	11	26	7.5	26	4.5	26	5.5	26	6.5	26	5.5		10
8.5	25	6.5	23	8.5	24	6.5	20	4.5	20	4.5	20	4.5	20	5.5	21	10.5	21	4	21	4		11
14	16	12	17	9.5	15	8.5	16	5.5	16	5.5	12	7.5	12	7.5	12	4.5	12	4	12	4.5		12
22	17	21	16	19	16	14	17	9.5	16	12	16	11	16	11	17	13	18	10.5	18	7.5		13
15	23	10.5	21	13	22	7.5	26	7.5	21	4.5	21	6.5	21	8.5	21	5.5	21	6.5	21	4.5		14
8.5	28	8.5	29	6.5	27	7.5	28	6.5	30	4	30	3	30	2	30	3	30	5.5	3	7.5		15
10.5	17	11	17	11	17	10.5	17	8.5	17	5.5	17	3	17	3	13	7.5	13	6.5	13	7.5		16
12	8	7.5	7	10.5	7	12	7	6.5	7	5.5	7	4	7	3	7	5.5	7	5.5	5	8.5		17
14	7	11	8	12.	8	10.5	9	11	9	12	9	8.5	9	9.5	9	9.5	9	6.5	9	6.5		18
8.5	18	9.5	19	5.5	18	11	17	9.5	18	9.5	18	8.5	18	10.5	18	10.5	19	13	19	11		19
23	22	26	22	26	21	20	20	19	21	18	20	18	23	22	24	18	24	20	24	20		20
18	25	15	26	17	25	15	24	13	24	12	26	14	25	15	24	12	24	15	24	15		21
19	27	16	28	15	31	14	30	15	30	15	30	14	29	10.5	30	9.5	29	9.5	30	10.5		22
5.5	22	7.5	21	8.5	22	5.5	22	4.5	20	7.5	18	6.5	18	9.5	19	7.5	19	7.5	19	6.5		23
15	23	14	23	13	24	13	24	12	25	5.5	25	6.5	25	6.5	25	6.5	25	5.5	25	4.5		24
10.5	20	10.5	20	9.5	23	11	21	8.5	20	6.5	20	8.5	20	4.5	20	4.	20	4	20	4.5		25
9.5	19	10.5	20	7.5	20	6.5	21	7.5	22	5.5	22	4.5	22	4.5	22	4.5	22	4	22	4.5		26
9.5	19	10.5	22	8.5	22	11	21	10.5	19	12	20	10.5	21	8.5	20	9.5	20	8.5	20	6.5		27
6.5	20	10.5	20	12	18	12	19	11	20	11	19	6.5	19	5.5	19	4.5	19	4.5	19	4		28
12	11	13	11	13	10	13	8	13	8	12	8	7.5	8	7.5	8	6.5	8	4.5	8	3		29
10.5	20	14	20	14	20	15	18	14	18	18	18	8.5	19	7.5	19	8.5	20	5.5	18	5.5		30
12	19	10.5	19	13	19	12	19	14	20	12	19	12	19	9.5	19	6.5	19	4.5	19	5.5		31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
389	398	400	392	402	419	421	431	428	434	455	466	478	417	423	413	405	383	388	371	360	340	323	1
317	323	321	330	324	314	318	305	323	364	342	357	327	336	358	342	379	365	378	364	355	354	354	2
358	358	365	370	371	380	402	373	394	437	440	446	423	397	406	384	394	364	359	348	337	335	338	3
329	321	323	326	347	339	340	324	333	342	353	356	311	329	348	392	354	366	364	358	346	348	347	4
342	333	338	339	345	326	314	325	301	327	318	310	295	301	300	297	310	349	342	356	352	357	344	5
348	337	333	335	353	352	326	333	332	338	321	346	339	382	421	457	456	454	454	461	458	443	452	6
440	431	437	440	446	458	452	467	472	465	445	461	412	441	403	415	391	390	372	372	357	325	313	7
305	308	319	324	331	344	354	360	365	369	390	394	395	407	378	365	383	395	378	370	360	356	347	8
348	349	362	345	354	357	340	355	380	344	348	344	325	*	*	312	345	340	335	346	363	349	344	9
345	347	347	347	350	359	352	357	351	347	356	353	355	350	353	344	335	332	329	337	322	311	309	10
301	308	310	319	317	306	299	308	318	305	304	302	308	323	345	325	348	367	371	376	378	371	372	11
352	358	371	386	385	412	373	353	367	385	393	407	407	417	420	420	426	425	431	429	437	446	446	12
390	374	369	384	397	419	421	442	415	427	403	393	383	413	399	439	452	422	411	413	411	403	402	13
402	396	391	399	411	404	399	395	383	379	395	394	386	381	383	413	396	430	429	427	424	430	429	14
427	418	403	406	412	406	398	414	403	390	382	397	378	411	386	391	379	394	403	410	414	407	389	15
386	378	382	377	380	384	393	427	429	446	462	467	439	405	436	436	406	398	414	404	405	398	397	16
392	400	395	403	415	423	430	437	434	433	436	447	449	443	453	450	458	461	439	449	456	453	448	17
431	418	403	403	405	418	419	427	435	452	454	465	461	453	448	470	474	450	407	384	405	410	399	18
402	400	395	402	413	408	423	456	481	496	498	530	524	516	520	527	494	498	481	466	440	403	406	19
420	430	434	434	426	440	445	457	475	498	476	478	455	386	381	407	405	410	395	419	416	409	411	20
377	362	362	353	354	359	366	378	376	381	391	418	416	401	405	428	427	405	393	398	410	409	408	21
401	405	362	372	388	395	382	377	380	388	382	387	378	388	391	407	390	389	364	381	385	373	371	22
373	388	375	389	395	391	381	391	390	383	393	402	420	440	423	437	476	503	500	470	420	396	381	23
372	360	360	378	394	401	401	439	450	477	460	415	430	423	415	414	404	404	369	427	424	397	381	24
382	357	346	356	361	395	376	375	384	395	364	369	396	393	347	354	379	402	403	403	406	396	391	25
382	379	365	367	374	384	386	398	400	384	399	425	381	385	394	405	393	396	403	415	417	394	389	26
370	368	350	350	371	385	375	381	382	387	373	393	364	401	395	408	403	438	412	418	408	396	401	27
394	395	402	406	425	442	464	478	500	517	505	538	548	537	654	557	534	536	534	511	497	502	477	28
436	467	464	449	462	468	499	540	560	526	547	623	612	592	572	559	572	563	549	536	524	525	530	29
488	472	475	467	487	509	511	522	508	486	450	464	523	566	538	526	536	519	516	517	512	509	516	30
517	517	521	531	524	531	520	532	594	600	600	579	557	553	576	443	458	477	492	480	489	487	494	31

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.